

MINASTIK TECHNOLOGY JOINT STOCK COMPANY

# COMPANY PROFILE

2025







# AT MINASTIK, COMPANIONSHIP IS OUR CORE VALUE.

For us, standing by our clients is more than a commitment — it is the foundation of every product and service we deliver. Each solution is crafted not only with technology, but with deep understanding and close collaboration throughout every stage of your business journey.



## EMAIL

info@minastik.com

## PHONE

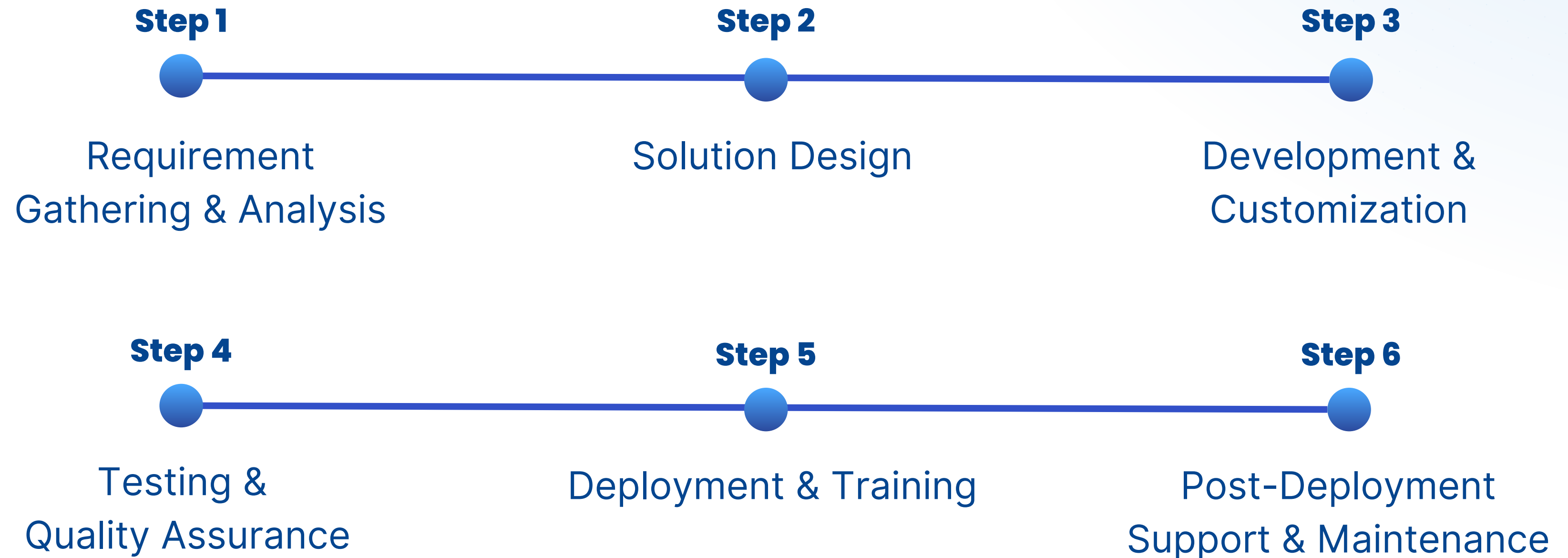
(+84)938-016-586

## WEBSITE

<https://minastik.com/>



# PROJECT IMPLEMENTATION PROCESS







# DOMESTIC CLIENTS





# FOREIGN CLIENTS

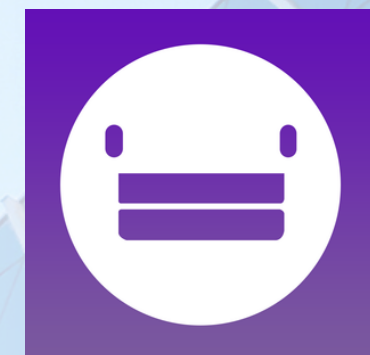


BUSINESS  
EXECUTIVE  
NETWORK

vinadrip



KARIBON





# KEY PARTNERS

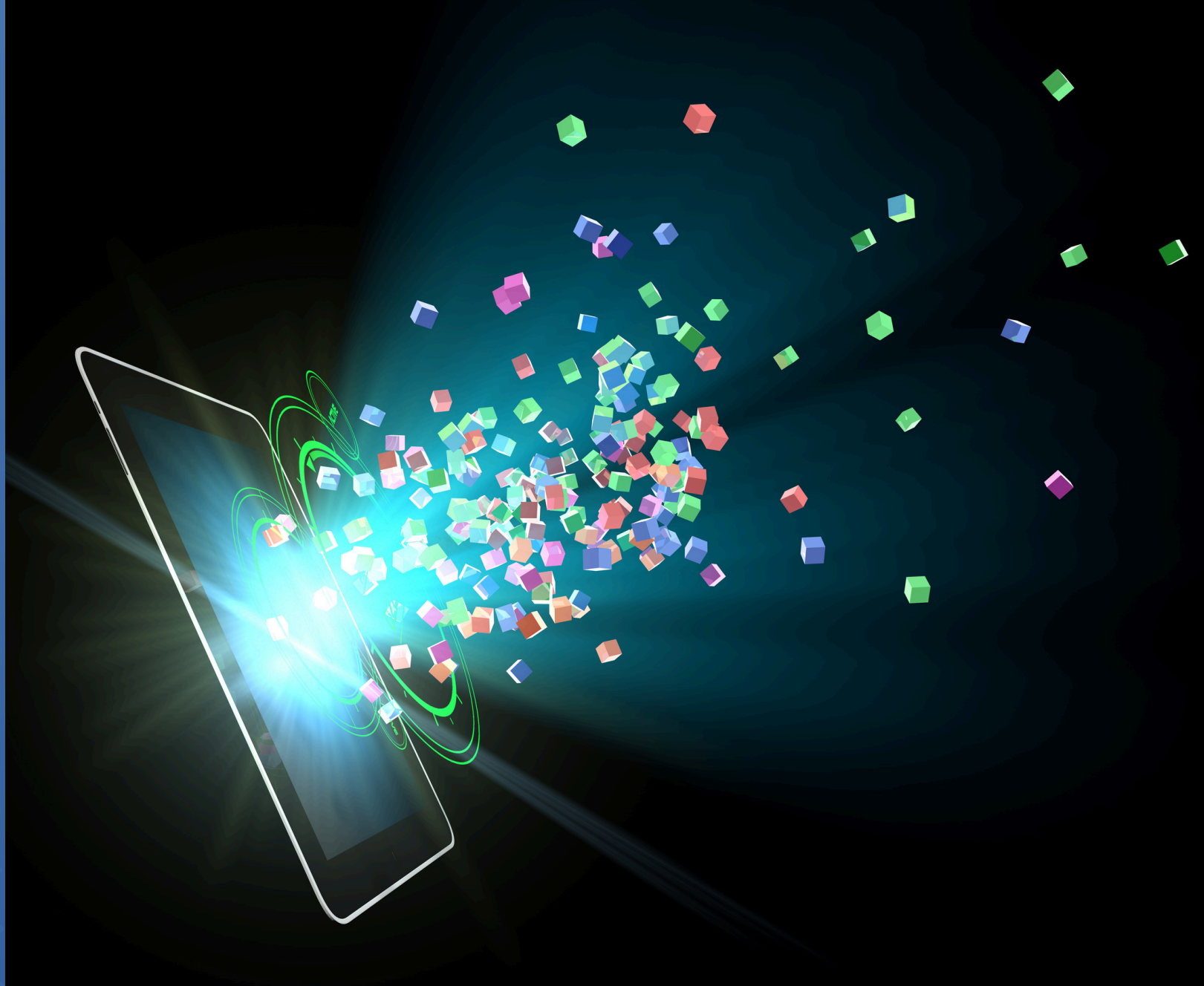


GMO-Z.com RUNSYSTEM

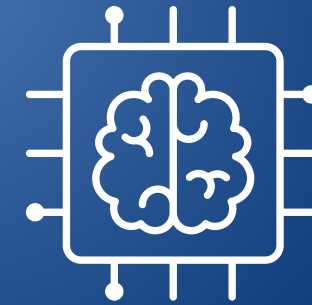
joyTu.be







# OUR PROJECTS



**Building AI-powered  
technology platforms**



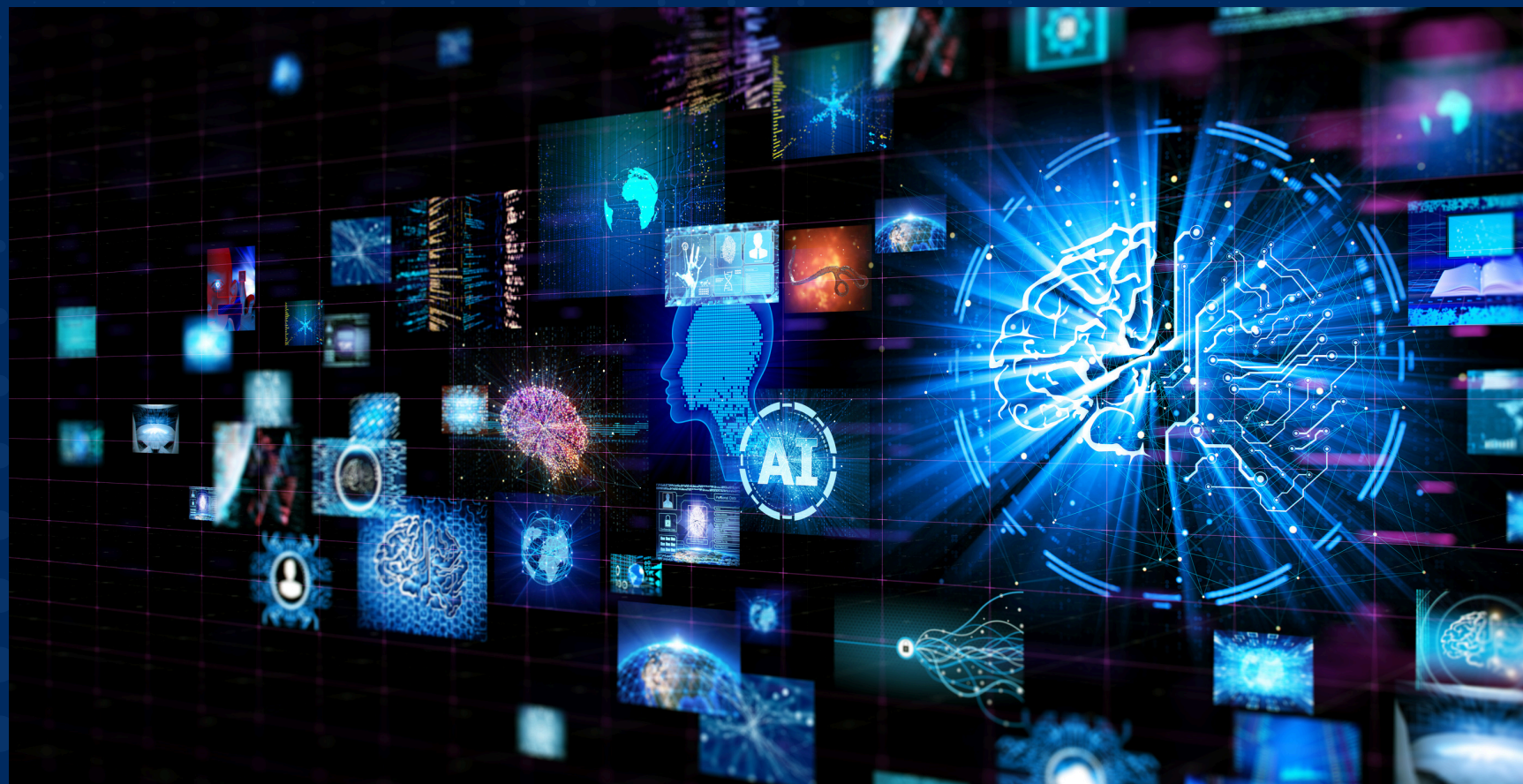
**Driving enterprise digital  
transformation through  
management systems**



**Developing community-  
oriented technology platforms**



# BUILDING AI-POWERED TECHNOLOGY PLATFORMS



- ➔ **AI assistant for simplifying learning projects**  
Automatically assign assignments, track lesson progress, create interactive exercises, and personalize learning paths for students.
- ➔ **AI for safety management for Vietnam Electricity**  
Electrical safety equipment management and safety inspection for electrical workers and engineers.
- ➔ **AI model for credit scoring**  
Developed algorithms and created AI models for automatic credit scoring of customer data on the P2P lending platform.
- ➔ **AI model for property valuation**  
Utilized AI to analyze and appraise real estate, providing accurate and fast results.
- ➔ **AI chatbot on Sensory Processing Disorder (SPD)**  
Stored scientific research, medical literature on Sensory Processing Disorder and provided SPD-related information for parents and teachers.



# AI ASSISTANT FOR SIMPLIFYING LEARNING PROJECTS

TEAMSIZ: 8 MEMBERS

CLIENTS

1

## DESCRIPTION

- AI-powered LMS/VLE for blended and online learning courses.
- Automatically generates interactive exercises and printable materials.
- Automatically assigns revision tasks and homework.
- Tracks learner progress in real time.
- Personalized learning paths.

2

## TECHNOLOGY

- Backend: Python
- DevOps/Cloud: AWS



- Wordiser is a language learning platform that helps users acquire and retain vocabulary effectively. With 5 years of experience in developing ELT (English Language Teaching) courses, Wordiser leverages AI to create personalized learning paths tailored to each individual learner.

# AI IN SAFETY MANAGEMENT FOR VIETNAM ELECTRICITY (EVN)

TEAMSIZ: 10 MEMBERS

## CLIENTS



**EVN HANOI**

1

## DESCRIPTION

- Developed an attendance and verification system using facial recognition and Optical Character Recognition (OCR).
- Designed a web-based attendance application for end users.
- Built AI models for electrical safety equipment management and safety inspection for electrical workers and engineers.

2

## TECHNOLOGY

- MXNet, Tensorflow
- Backend: Flask, ReactJS
- Database: PostgreSQL

- Vietnam Electricity (EVN) is the national and the sole public power company in Vietnam. EVN is committed to applying advanced technology, automation, and digital transformation to enhance management efficiency, conserve energy, and optimize power system operations.



# AI MODEL FOR CREDIT SCORING

TEAMSIZE: 10 MEMBERS

CLIENTS



1

## DESCRIPTION

- Analyzed and processed borrower data for loan applications.
- Developed computer science algorithms for credit scoring.
- Built AI models to automate customer credit scoring based on algorithmic analysis.
- Raised USD 3,000,000 in Series B funding from Belt Road Capital Management.

2

## TECHNOLOGY

- Backend: Flask, Python
- Database: PostgreSQL

- Tima is a Peer-to-Peer (P2P) lending platform in Vietnam, offering a simple loan process with same-day disbursement via mobile app or website. It enables fast and direct connections between borrowers and lenders.

# AI MODEL FOR PROPERTY VALUATION

TEAMSIZ: 10 MEMBERS

1

## DESCRIPTION

- Developed a real estate database system.
- Migrated the system to the cloud and leveraged Amazon Web Services (AWS).
- Utilized AI to analyze and appraise real estate, providing accurate and fast results.

2

## TECHNOLOGY

- DevOps/Cloud: AWS
- Backend: Python

## CLIENTS



- Cen Land Real Estate Joint Stock Company specializes in the distribution, marketing, and investment of real estate. With an extensive distribution network, Cen Land combines traditional business practices with technology through STDA, Cenhomes.vn, and a network of agents.



# AI CHATBOT ON SENSORY PROCESSING DISORDER (SPD)

TEAMSIZE: 10 MEMBERS

CLIENTS



1

## DESCRIPTION

- Developed a database system from scientific research, medical literature, and reliable resources on Sensory Processing Disorder (SPD).
- Provided SPD-related information for parents and teachers.
- A chatbot continuously optimized based on user feedback to improve accuracy.

2

## TECHNOLOGY

- Python, OpenAI, LangChain, Pinecone, AutoGen

- Viet Dynamic Connections Co., Ltd. is an organization that offers courses for parents, teachers, and professionals, providing guidance on intervention strategies for children with special needs (autism spectrum disorders, cerebral palsy, ADHD, developmental delay, etc.).



# DRIVING ENTERPRISE DIGITAL TRANSFORMATION THROUGH MANAGEMENT SYSTEMS



- ➔ **Brokerage support system SHADVISOR**  
Support brokerage department in managing client groups and performing stock investments.
- ➔ **WAP Internal System**  
Task management, connecting agencies, managing healthcare product and service packages, and financial management.
- ➔ **EVN power management system**  
Calculate electricity consumption for each household and manage high-voltage power outages.
- ➔ **Human resource management, attendance, and payroll system GMES**  
Digitize the specialized production management model for factories and enterprises.
- ➔ **Student management system and mobile application**  
Tracks attendance, updates tuition, generates reports, and allows teacher comments on student progress.



# BROKERAGE SUPPORT SYSTEM SHADVISOR

TEAMSIZE: 18 MEMBER

CLIENTS

1

## DESCRIPTION

Supporting Brokerage department:

- Client management.
- Asset, cash flow, and purchasing power management; Managing stock investment recommendations.
- Integrating data with the company's SHPro trading system to synchronize transaction information and optimize order processing workflows.

2

## TECHNOLOGY

- Frontend: Angular
- Backend: Java Spring Boot, REST API, Web Socket
- Database: PostgreSQL, Oracle, Redis



- Saigon - Hanoi Securities JSC (SHS) specializes in providing securities brokerage, custodial services, investment, analysis, and investment consulting. The company is focused on applying technology to optimize processes and enhance service quality.



# WAP INTERNAL SYSTEM

TEAMSIZ: 14 MEMBERS

CLIENTS

1

## DESCRIPTION

- Task and order management.
- Connecting travel agencies and interpreters.
- Managing personal information, visa data, and patient medical records.
- Managing medical service and product packages.
- Accounting and financial management.

2

## TECHNOLOGY

- Frontend: Angular
- Backend: NestJS
- Database: PostgreSQL
- DevOps/Cloud: AWS, GitLab



- WAP Medical Gate is a company providing Vietnam-Japan medical tourism services. WAP requires a streamlined system to centralize management processes and track service orders, minimizing manual operations.

# EVN POWER MANAGEMENT SYSTEM

TEAMSIZE: 9 MEMBERS

1

## DESCRIPTION

- Calculate electricity consumption for each household, monitor faults, and transmission current.
- Send notifications on electricity consumption and reminders for late payments.
- Integrate automated systems, smart sensors, and data analytics.

2

## TECHNOLOGY

- Frontend: ReactJS
- Backend: .NET Core, Python, Flask
- Database: MySQL, MongoDB
- DevOps/Cloud: AWS

## CLIENTS



**EVN HANOI**

- Vietnam Electricity (EVN) is the national and the sole public power company in Vietnam. EVN is committed to applying advanced technology, automation, and digital transformation to enhance management efficiency, conserve energy, and optimize power system operations.



# HUMAN RESOURCE MANAGEMENT, ATTENDANCE, AND PAYROLL SYSTEM

TEAMSIZ: 17 MEMBERS

CLIENTS

1

## DESCRIPTION

- GMES-Garment: Garment, footwear production management
- GMES-Attendance: Attendance management
- GMES-Salary: Human resource management – Productivity-based payroll
- GMES-APS: Production management with Siemens Opcenter APS, automating production strategy and detailed planning down to each workshop and machine
- GMES-RFID: Supply chain automation with RFID, enabling inventory management and enhancing production flow monitoring



2

## TECHNOLOGY

- Frontend: ExtJS
- Backend: Java Spring
- Database: PostgreSQL



**SIEMENS**

# STUDENT MANAGEMENT SYSTEM AND MOBILE APPLICATION

TEAMSIZ: 17 MEMBERS

CLIENTS

1

## DESCRIPTION

- Attendance tracking via facial recognition.
- Update monthly tuition fees for students, helping parents track payments.
- Automatically generate visual reports on student attendance, including days attended, absences, tardiness, and early departures.
- Teachers can add comments on the learning progress of each student.



2

## TECHNOLOGY

- Frontend: Flutter
- Backend: Java Spring
- Database: PostgreSQL





# OTHER DIGITAL TRANSFORMATION PROJECTS

## **ROOF-TOP SOLAR POWER ECONOMIC MANAGEMENT APPLICATION SYSTEM**

Build a database system and develop an application for the economic management of rooftop solar power.  
Client: Electricity of Vietnam (EVN Group)

## **24/7 REMITTANCE TRANSFER SYSTEM**

Build a database system for the core remittance transfer to Vietnam.  
Client: ACB Bank

## **ELECTRONIC MEDICAL RECORD MANAGEMENT SYSTEM**

Build a database system for the Electronic medical record management system.  
Clients: Tam Duc General Hospital (Ho Chi Minh City), Anh Quan Eye Hospital (Hue)

## **REVENUE REPORTING SYSTEM**

Build a database system for revenue reporting.  
Client: FECredit Financial Company (Ho Chi Minh City)

## **TRAIN TICKETING SYSTEM**

Build a database system for the domestic and international waterway ticketing system.  
Client: PhuQuocExpress



# COMMUNITY-ORIENTED TECHNOLOGY PLATFORMS

- ➔ **HICO medical portal**  
Support Vietnamese patients in Japan with medical examination forms and a Vietnamese–Japanese health handbook.
- ➔ **joyTu.be interactive video platform**  
Viewers interact directly with the brand through video, with automated data analysis and strategic decision-making support for businesses.
- ➔ **CenHomes real estate technology platform**  
Online platform for real estate trading, rental, investment, and related services like finance, legal, and property management.
- ➔ **VCCI Elderly care system**  
A network providing physical and mental healthcare solutions for the elderly in Vietnam.
- ➔ **Ngoa Van Am digital menu**  
For tea lovers to explore information about different tea varieties based on their cultivation regions.



# HICO MEDICAL PORTAL

TEAMSIZE: 9 MEMBERS

CLIENTS

1

## DESCRIPTION

- Suggest medical departments based on symptoms
- Create VN/ JP medical examination forms
- Access 5k+ Vietnamese-Japanese medical vocabulary handbook
- Handbook of common medications in Japan
- Stay updated with medical news
- AI chatbot to answer medical inquiries

2

## TECHNOLOGY

- Frontend: Angular 18
- Backend: NextJS 15
- Database: MongoDB
- DevOps/Cloud: AWS



- WAP Medical Gate is a company providing Vietnam-Japan medical tourism services. HICO Medical Portal is an web-based application that helps Vietnamese patients access healthcare services in Japan, overcoming the language barrier.

# JOYTU.BE INTERACTIVE VIDEO PLATFORM

TEAMSIZE: 8 MEMBERS

CLIENTS



1

## DESCRIPTION

- Allows viewers to interact with brands by direct actions on video, helping brands respond quickly and accurately to customer requests.
- Provide brands with parameters that reflect the quality of marketing channels, helping brands optimize costs and effectiveness of campaigns.

2

## TECHNOLOGY

- Frontend: Angular
- Backend: NodeJS
- Database: MongoDB
- DevOps/Cloud: Google Firebase, AWS

- JoyTu.be is a technology startup from Singapore, pioneering in transforming regular videos into interactive videos. The company has collaborated with major Vietnamese brands and was recognized in the Top 10 TECHFEST Vietnam 2021.



# CENHOMES REAL ESTATE TECHNOLOGY PLATFORM

TEAMSIZE: 9 MEMBER

1

## DESCRIPTION

- Search for projects, apartments, and land plots.
- Compare projects and apartments to help users make accurate investment decisions.
- Connect buyers with consultants through online communication channels.
- CenHomes Pro: A tool for real estate agents and brokers to manage clients.

2

## TECHNOLOGY

- Frontend: Angular
- Backend: NodeJS
- Database: MongoDB
- DevOps/Cloud: Google Firebase, AWS

## CLIENTS



- CenHomes is a real estate technology platform owned by Cen Land Joint Stock Company, offering online services for buying, selling, renting, and investing in real estate in Vietnam. It also provides related services such as financial and legal consulting, as well as property management.

# VCCI ELDERLY CARE SYSTEM

TEAMSIZE: 9 MEMBERS

CLIENTS



1

## DESCRIPTION

- E-learning programs offering video courses and image-based guides.
- Training for caregivers and family members on physical and mental care for the elderly.
- Methods for improving overall elderly well-being.
- Accessible learning resources for better caregiving practices.

- The Service Development Network for the Elderly in Vietnam operates under the patronage of the Vietnam Chamber of Commerce and Industry (VCCI). It provides healthcare solutions for elderly people in Vietnam and for seniors abroad who wish to return to Vietnam for their retirement.

2

## TECHNOLOGY

- Backend: Java Spring
- Database: PostgreSQL
- DevOps/Cloud: Cloud server VPS



# NGOA VAN AM DIGITAL MENU

TEAMSIZ: 7 MEMBERS

CLIENTS

1

## DESCRIPTION

- Find tea varieties based on cultivation and production regions.
- Learn about the origin, ingredients, brewing methods, and preparation instructions for each tea.
- Rich images provide a vivid experience of each tea type.

2

## TECHNOLOGY

- Frontend: Angular
- Backend: NodeJS



- Ngoa Van Am is a tea space located in Hanoi. The digital menu platform allows tea lovers to explore information about different tea varieties based on their cultivation regions.





# OUR TEAM





# DINH ANH TUAN

## INFO

### OVERVIEW

- AI and Digital Transformation expert with over 15 years of experience in developing technology solutions applying Data Science, ML, and AI.
- Co-founder and key contributor to more than 20 startups across various industries.
- Strategic leader in the development and implementation of numerous products for both government and enterprise sectors.
- Successfully deployed AI/ML solutions for over 100 partners.

### SKILL

Programming language:  
SQL, Python, R, Matlab, SAS,...

Framework:  
Tensorflow, Pytorch, Numpy, Pandas,  
Matplotlib, OpenCV, Angular,...

Database: PostgreSQL, Oracle  
Database, MongoDB, MySQL

Key domain: Healthcare, Technology,  
Finance, E-commerce, Manufacturing,  
and Environmental Technology.

### EDUCATION

Postdoctoral Researcher:  
Computational and Systems Biology  
University of California, Berkeley

Ph.D.:  
Chemical Engineering and  
Computational Biology  
University of California, Santa Barbara

M.Sc.:  
Mechanical Engineering and Nuclear Energy  
Royal Institute of Technology (KTH),  
Stockholm, Sweden

# DINH ANH TUAN

## EXPERIENCE

1

### Data Science/Machine Learning (ML)/Artificial Intelligence (AI) products

- Conducted clinical research and collaborated with ~ 80 clinicians, including national leaders at leading disease organizations to build ~100 algorithms for a wide range of clinical applications, including Digital Health, Cardiovascular Disease, Diabetes, Chronic Kidney Diseases (CKD)..

2

### Clinical researchs

- Led teams to execute clinical studies to measure impacts of digital health interventions on morbidity and mortality for a wide range of therapeutic areas, including Cardiovascular Diseases, CNS, CKD and Cancers.
- Familiar with handon experience with regulatory approval processes in drug development and medical device, including IRB and IND.

3

### Digital transformation

- Developed a scalable Data-to-Value (D2V) process to transform complex datasets into value, comprising of data management (data ingestion, exploration, cleaning, mapping, augmentation), design, training and deployment of value-added AI/ML algorithms,...

4

### Expertise in Product Development and Deployment

- Identifying products/services with compelling value propositions. Translate strategy into tactical implementation of multi-year data science/ML/AI product roadmap in agile environment.
- Led complete datascience product cycle from requirement gathering, prototyping, pivoting, product re-scoping..



# DINH ANH TUAN

## EXPERIENCE

5

### Start-Up Experience

- Influenced the success of 20 unique startup ventures in healthcare, biotech, e-commerce, and fintech; effectively serving as co-founder, executive, board member, advisor and investor while helping to secure \$100M+ in funding.

6

### Organizational Leadership

- Effectively formulate and execute strategic directions, eliminate competing silos, and foster effective communication with clients.
- Built, and led technical teams of ~ up to 50 members, attract and retain talents.

7

### Technical Competencies

- Possess comprehensive knowledge and practice of leading-edge analytics, including machine/deep learning, natural language process (NLP), simulation, data mining and optimization. Understanding and hand-on experience with SQL, Python, R, Matlab, SAS. ..

8

### Data Competencies

- Intimately involving in managing the life cycle of a wide range healthcare data, including Electronic Medical Record (EMR), medical device, wearable biosensors, claim and utilization management hospital operation/staffing, consumer/digital health data, population surveys, clinical trials, cell/animal data, PK/PD, genomics/genetics/proteomics.



# DUONG TAN NGHIA

## INFO

### OVERVIEW

- Over 12 years of experience teaching IT, especially in courses on Computer Science and Databases;
- Ph.D. in Artificial Intelligence (AI), Data Analysis and Management; Data Scientist/Analyst, Machine Learning/Deep Learning; UWB algorithm collection;
- Project management expert.

### SKILL

Programming language:  
ReactJS, Flask, C/C++, Python, JavaScript,...

Framework:  
Tensorflow, Pytorch, Numpy, Pandas,  
Matplotlib, OpenCV, Angular,...

Database: PostgreSQL, Oracle Database,  
Microsoft Database, MySQL

Machine learning: TensorFlow, PyTorch,  
Scikit-learn, Keras

Deep learning: CUDA cuDNN, ONNX

### EDUCATION

Ph.D. in Data Science and  
Computer Science  
Hanoi University of Science  
and Technology



# DUONG TAN NGHIA

## EXPERIENCE

1

### Fingerprint Recognition on Smartcard

- Algorithm developer for fingerprint matching-on-card; Develop fixed-point algorithm for implementation on card; Algorithm ranks 5th (at FMR10000 leader board) in Fingerprint Verification Competition-onGoing.
- Technology: PostgreSQL

2

### Implement fingerprint matching algorithms on low-memory devices

- Develop fixed-point algorithm for low-memory devices; Implement algorithm on Smartcard.
- Database: PostgreSQL

3

### AI model for customer credit scoring in P2P lending platform

- Project leader
- Analysis and process profile data of borrowing customers; Develop ML algorithms credit scoring; Implement an AI model based on Machine Learning algorithms; Raise 3,000,000 US dollars (series B) from Belt Road Capital Management
- Database: PostgreSQL

4

### ACM RecSys Challenge 2018

- Team leader
- Suggest appropriate songs to add to a playlist; BKAI team ranks 17th at main track leader board
- Database: PostgreSQL

# DUONG TAN NGHIA

## EXPERIENCE

5

### Interactive video platform – joyTu.be

- Project leader
- Develop frontend and backend for joyTu.be; Deploy joyTu.be into Amazon Web Service Winner of Singapore Tourism Challenge (2019); Provide services for Ivy Moda, HP, LeMedia, LeBros, Standard Chartered Bank Vietnam.
- Database: PostgreSQL

6

### AI in safety management for EVN Hanoi

- Implement an OCR system to detect and recognize Vietnamese accent marks from images using Pytorch and exposing via Flask Rest API. Develop a Face Recognition and Verification roll-call system using MXNet, Tensorflow. Program a roll-call web application for end-users using ReactJS and Flask.
- Database: PostgreSQL

7

### Roof-top solar power economic Management Application System

- Developing the rooftop solar power economic management application at <https://solar.evn.com.vn/#/>
- Designing and building the database system for rooftop solar power management.

8

### 24/7 Remittance transfer System

- Design and build the database system for the remittance core transferring money to Vietnam for ACB bank.
- Database: PostgreSQL

9

### Electronic medical record management system

- Build the database system for the electronic medical record management system.
- Database: PostgreSQL.





# NGUYEN TUNG GIANG

## INFO

### OVERVIEW

- An accomplished Senior Project Manager, Project Director with a strong background in IT consulting and business transformation.
- A trusted advisor to large enterprise organizations, driving long-term IT strategies and delivering successful outcomes.
- Demonstrated ability to establish relationships with C-suite executives, translate technology into business value, and drive customer success.
- Skilled in project management, contract negotiations, and delivering high-quality results.

### SKILL

Programming language:  
C#.NET, ASP.NET, C/C++, Java, JavaScript,...

Framework:  
NodeJS, NestJs, .NETCore, ExtJS, Java Spring,...

Database: PostgreSQL, Oracle Database, MongoDB, MySQL

Key domain: Fintech, banking digital transformation

### EDUCATION

Bachelor's degree:  
Information Technology  
Hanoi University of Science  
and Technology

# NGUYEN TUNG GIANG

## EXPERIENCE

1

### **Transformation Project Management Consultancy AND PMO Manager**

- Position: Project PMO Lead/Manager Responsibility: PwC provided PMO Lead/Manager for a jointly program across Techcombank, PwC and Intellect (vendor), include Technology and Business Outcome workstreams. PMO to define the whole program delivery plan, managing risk and dependency and the business value realization.

2

### **Consultancy engagement for a IT strategy for large Banks of Vietnam**

- Position: Project Director, Project Manager Responsibility: Convinced IBM Partner, legal and sales support internally to get their acceptance on deal model, specific T & Cs, as result the bank agreed to proceed the Transformation program, Participated in a core banking merging project (NZL)

3

### **A large core banking transformation project cross various project phases**

- Position: Project Director, Project Manager Responsibility: Acted as Single Point of Contact for customer executives, managed a trusted relationship with CIO, COO and Chairman. Demonstrated as a dedicated, integrity and capable leader

4

### **Consultancy engagement for a Program PMO setup, Corebanking assessment**

- Position: Project Director, Project Manager Responsibility: Developing Core banking project definition, Enterprise Architecture definition. Engaged customer to understand their business drivers.
- Consult Bank's IT Steering Committees (VietinBank CxOs and all Business Leads) with consulting reports.





# NGUYEN TRAN HUNG

## INFO

### OVERVIEW

- 15 years experience in C#.NET, ASP.NET
  - 6 years experience in C/C++
  - 14 years experience in Java, JavaScript
- Skilled in Real-Time Operating System; Unix/Linux Application; Payment, Banking System; Database Management and Programming;
- Project management expert

### SKILL

Programming language:  
C#.NET, ASP.NET, C/C++, Java, JavaScript,...

Framework:  
NodeJS, NestJs, .NETCore, ExtJS, Java Spring,...

Database: PostgreSQL, Oracle Database, MongoDB, MySQL

Key domain: Management Information systems, Real-time processing systems, Payment systems, Data analysis

### EDUCATION

Bachelor of Science:  
Software Engineering  
Hanoi University of Science and Technology

Bachelor of Arts in Foreign Languages:  
University of Foreign Languages

MBA,  
Hanoi University of Science and Technology



# NGUYEN TRAN HUNG

## EXPERIENCE

1

### Human Resource Management, Attendance, and Payroll System

- Human resources system: general information, contract details, work history, dependents.
- Manage work shifts, leave requests, compensation requests, and calculate employee work hours.
- Automated payroll system based on work hours, overtime, and allowances.
- Database: PostgreSQL.

2

### Microfinance Accounting Software

- Statistics of fund amounts at branches and weekly cash flow progress reports
- Statistics of accounting data such as: debt classification, account balance, deposit mobilization, balance sheet, business results, cash flow, operating expenses, loan balance, non-performing loans.
- Database: SQL Server

3

### Manufacturing Execution System (MES) for DHA Garment

- Developed contract and order management system, including outsourcing and production progress tracking
- Material management, fabric inspection, and cutting/sewing process control
- Productivity-based payroll system and overall production management
- Database: PostgreSQL

4

### Garment Production Management System for Ivy Moda Factory

- Developed production progress management system for each production line
- Managed materials, fabric inspection, and cutting/sewing processes
- Database: SQL Server



# NGUYEN TRAN HUNG

## EXPERIENCE

5

### Core Banking System and Digital Field Assistant Application

- Vai trò: Giám đốc dự án
- Nghiên cứu, triển khai và tùy chỉnh nền tảng Core Banking MifosX cho tài chính vi mô, áp dụng tại Quỹ VietED MFI với 1 trụ sở và 4 chi nhánh.
- Xây dựng và triển khai ứng dụng di động (DFA App) hỗ trợ cán bộ tín dụng thực hiện nghiệp vụ như đăng ký khách hàng, thẩm định khoản vay, thu/giải ngân vốn và tiết kiệm.
- Cơ sở dữ liệu: MySQL

6

### GPAY E-Payment System

- Payment platform integrated with Smartphone applications (Android, iOS), USSD, SMS, and Self-service Kiosk.
- Implemented at Gmobile Telecommunications Company and MobifonePlus Joint Stock Company.
- Database: SQL Server.

7

### Smart Fashion Chain Stores Management System applies RFID UHF technology

- Automated management system integrating RFID chips into the production, warehouse, sales, and inventory stages, deployed at over 100 IVY-MODA stores nationwide.
- Manufactured and implemented RFID devices (readers, encoding conveyors, etc.) for IVY-MODA factories and stores.
- Database: PostgreSQL, SQL Server.

8

### Electric Bill Payment Gateway, e-Wallet system

- Development and testing: Mobile payment on SIM cards using Javacard technology.
- Personalization of SIM cards.
- VAS (Value-Added Services) applications on mobile phones and SIM cards.
- Database: Oracle.



# LUONG NGOC TUAN

## INFO

### OVERVIEW

- 01 year of training programmers, teaching network system subjects
- 07 years of software development: outsourcing software to foreign countries, developing business process management software
- 03 years working in integrating Information Technology and Telecommunications systems
- 04 years of developing management systems in real estate businesses, and building real estate business foundations.
- 04 years of experience in building IT 4.0 systems in the field of Fire Prevention and Fighting.

### SKILL

Programming language:  
C#.NET, ASP.NET, C/C++, Java, JavaScript,...

Framework:  
NodeJS, NestJs, .NETCore, ExtJS, Java Spring,...

Database: PostgreSQL, Oracle Database, MongoDB, MySQL

Key domain: Firefighting, integrating IoT solutions into firefighting systems, Property Management Systems.

### EDUCATION

Bachelor of Science:  
Telecommunications Electronics  
Hanoi University of Science and Technology



# LUONG NGOC TUAN

## EXPERIENCE

1

### **CenHomes real estate platform**

- Position: Project Director/ Programmer
- Responsibility: Build a real estate business foundation; Build system architecture; Select technology solutions, and integrate into the platform, Deploying specific business problems; System operations and administration.

2

### **Real estate valuation**

- Position: Project Director
- Technology: AWS, Python
- Responsibility: Apply artificial intelligence (AI) in real estate valuation; Building a real estate data collection system; Convert the system to the cloud, and use the services of the Amazon Web Services (AWS) platform.

3

### **Deploying enterprise management system (ERP) for CENGroup**

- Position: Project Director/ Programmer
- Responsibility: Participate in choosing solutions, Coordinate standardization of business processes and digitalization of processes, Building business data analysis (BI) systems

4

### **TMH smart fire alarm system**

- Position: Project Manager
- Responsibility: Research IT platforms in the field of IoT, multi-service system deployment models (microservices); Protocols and methods of transmitting and exchanging information in the field of IoT, \Researching standards and specificities in the field of Fire Prevention and Fighting.

# LUONG NGOC TUAN

## EXPERIENCE

5

### AVG television transmission network

- Position: Project Director/ Programmer
- Responsibility: Building transmission network infrastructure to provide television signals from General Control to broadcasting stations nationwide; Testing and selecting equipment suppliers, Building an overall model, detailed planning of configuration at each location, scenarios and deployment standards, Making plans to ensure broadcast safety.

6

### Online storage and production system

- Position: Project Manager
- Responsibility: Set up network infrastructure, servers and workstations for online production of television programs; Optimize server, network and workstation parameters for online use. Build a set of standard production parameters for production equipment.

7

### Television subscription billing and management system

- Position: Project Director
- Description: Building a mobiTV television subscription billing and management system (BSMS); Participate in choosing solutions, Build models and deploy to ensure safety and information security, Operate safe and secure systems of BSMS system.

8

### Deploy Active Directory throughout BIDV system

- Position: Project Manager
- Responsibility: Survey the current status of applications and users on the system, Collaborate with Microsoft experts to provide implementation recommendations and policies for each object (Server, PC, user,...)



# LUONG NGOC TUAN

## EXPERIENCE

9

### Centralized Internet

- Position: Project Manager
- Responsibility: Set up a centralized Internet access system at the IT Center Build a deployment model, establish a deployment process Coordinate with BIDV to develop Internet access policies Organize implementation and acceptance

10

### Deploy servers and storage

- Position: Project Manager
- Responsibility: Deploy blade servers and storage systems at BIDV domain centers. The server uses HP Blade and the storage device uses Hitachi AMS. Build a deployment model, establish a deployment process, Training and transfer to IT staff at the regional center, Organize implementation and acceptance.

11

### Optimize transmission line, QoS

- Position: Project Manager
- Responsibility: Implement data compression and caching to reduce transmission traffic and prioritize bandwidth for banking transactions (then the transmission line from branches and transaction offices to the center is usually 256kps, 512kps). Deployed to 60 branches of BIDV. Build a deployment model, establish a deployment process. Coordinate with BIDV to develop QoS policies, data compression and caching, Organize implementation and acceptance.



# TONY NGUYEN

## INFO

### OVERVIEW

- An accomplished Senior Project Manager, Project Director with a strong background in IT consulting and business transformation.
- A trusted advisor to large enterprise organizations, driving long-term IT strategies and delivering successful outcomes.
- Demonstrated ability to establish relationships with C-suite executives, translate technology into business value, and drive customer success.
- Skilled in project management, contract negotiations, and delivering high-quality results.

### SKILL

Programming language:  
SQL, Python, R, Matlab, SAS,...

Framework:  
Tensorflow, Pytorch, Numpy, Pandas,  
Matplotlib, OpenCV, Angular,...

Database: PostgreSQL, Oracle Database,  
MongoDB, MySQL

Key domain: Healthcare, Technology,  
Finance, E-commerce, Manufacturing,  
and Environmental Technology.

### EDUCATION

Postdoctoral Researcher:  
Computational and Systems Biology  
University of California, Berkeley





# TONY NGUYEN

## EXPERIENCE

1

### **Interactive video platform – joyTu.be**

- Project leader
- Develop frontend and backend for joyTu.be; Deploy joyTu.be into Amazon Web Service Winner of Singapore Tourism Challenge (2019); Provide services for Ivy Moda, HP, LeMedia, LeBros, Standard Chartered Bank Vietnam.

2

### **Research Fellow/Post-doctorate (NExT); Manager (Interactive and Digital Media Institute)**

- Led product development for Jiku (interactive video streaming); collaborated with R&D on multimedia and system architecture.
- Won ACM Multimedia Best Demo Award (2013).

3

### **Senior research analyst**

- Consulting & conducting B2B market research in Internet, telecommunications, and social media.
- Leading strategic projects for Fortune 100 companies and ICT corporations across various countries.
- Expanding the AMI brand presence on CNBC, Reuters, The Business Times, and ZDNet.

4

### **Senior marketing executive, Regional business planning**

- Developed NEC Asia Pacific's first analyst relations and go-to-market strategy; led market research and strategic planning for smart energy/grid investments.
- Managed business newsletter, research database, and market reports (M2M, NFC, telecom, smart energy) for executive and sales teams.

# SOFTWARE DEVELOPMENT

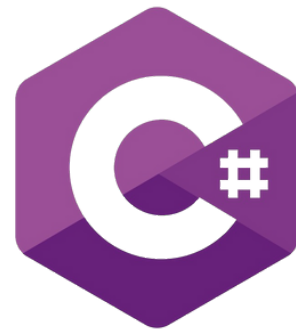
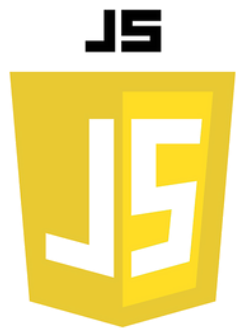
PROGRAMMING LANGUAGE  
& FRAMEWORK

DATABASE

SYSTEM ARCHITECTURE,  
MICROSERVICE



AngularJS



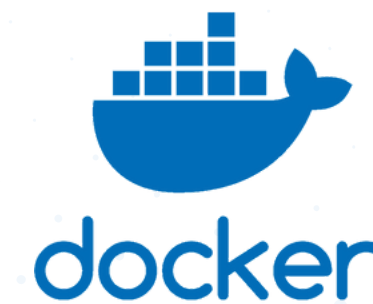
kubernetes



Java



PostgreSQL



OPENSIFT





# AI BASED TECHNOLOGIES

## MACHINE LEARNING FRAMEWORK

## DATA ANALYSIS TOOLS

## DEPLOY AI SYSTEM



# CONTACT US

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