Kiet Phan Anh

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Master of Technology

Ho Chi Minh City International University – HCMIU

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PROFESSIONAL SUMMARY

Innovative and results-driven Full Stack Developer with over a decade of experience designing and delivering high-performance, scalable software solutions. Demonstrated success in leading full software development lifecycles, from initial concept and design through to deployment and maintenance. Skilled in both front-end and back-end development with deep knowledge of modern frameworks, DevOps practices, cloud technologies, and data-driven applications. Adept at cross-functional collaboration and agile methodologies, with a strong commitment to delivering intuitive and efficient digital products across diverse industries.

CORE COMPETENCIES & LEADERSHIP

- **Full Stack Development:** Hands-on experience developing RESTful APIs, interactive UI/UX, and scalable backend systems with frameworks like React, Angular, Node.js, Django, and Spring Boot.

- **Cloud and DevOps:** Expertise in deploying CI/CD pipelines, container orchestration with Docker and Kubernetes, and working with AWS, Azure, and GCP.

- **Database Management:** Proficient in designing relational and NoSQL databases, optimizing queries, and managing large datasets using MySQL, PostgreSQL, MongoDB, and Redis.

- **Agile Project Leadership:** Proven ability to manage teams, lead scrum meetings, assign sprint tasks, and ensure on-time project delivery.

- **AI and Intelligent Systems:** Integrated ML/DL models into full stack pipelines, enabling smart decision systems and predictive analytics.

EDUCATION

Degree	Institute	Classification	CGPA/Score	Year
Master's Degree	International University - HCMIU	Very Good	82/100	Ongoing
B.Sc. in IT	International University - HCMIU	Excellent	91.5/100	2021

EXPERIENCE

•KMS Technology — *Feb 2022 – May 2023*
Software Engineer — Ho Chi Minh City, Vietnam
- Started as a fresher and quickly adapted to a professional Agile environment, contributing to real-world enterprise applications.
- Assisted in developing and maintaining full-stack features using Angular and Spring Boot.
- Improved deployment processes by enhancing CI/CD pipelines with Jenkins and Docker.

•DEK Technology — *Aug 2023 – Jun 2024*
Software Engineer — Ho Chi Minh City, Vietnam
- Took ownership of backend services, developing secure and scalable Node.js APIs for enterprise device management.
- Collaborated with cross-functional teams to implement Azure Intune compliance and authentication protocols.
- Gained experience in large-scale, vendor-based cloud system integration.

•Renesas Company — *Sep 2024 – Dec 2024*
Full Stack Developer — Ho Chi Minh City, Vietnam
- Led the development of predictive maintenance platforms, integrating React dashboards with ML models via RESTful APIs.
- Improved system observability and data visualization, reducing downtime.
- Mentored junior teammates and contributed to architectural decisions, preparing for senior-level responsibilities.

Key Projects & Achievements

• **End-to-End IELTS Essay Evaluation System**
Full stack design of a grammar and score prediction system using RoBERTa, integrated with Flask for API serving and React for user interface. Successfully deployed to academic platforms.

• **Real-Time Gesture-Control Interface**
Developed a Node.js server to process hand gestures via Python CV scripts and emit live socket events to a React-based frontend interface. Achieved high user interaction and responsiveness.

• **Intelligent Predictive Monitoring System**
Built a scalable backend pipeline using FastAPI and MongoDB to collect real-time machine logs, and rendered dashboards using Chart.js and TailwindCSS.

• **Portfolio Management Dashboard**
Engineered a stock portfolio visualization tool using Next.js, Firebase, and D3.js. Deployed analytics features for real-time tracking and chart generation.

Certifications & Professional Training

- Certified ScrumMaster (CSM)
- Full Stack Web Development with React and Node – Coursera
- Advanced Machine Learning with TensorFlow and PyTorch
- Professional Certificate in Data Science and Analytics – edX
- DevOps Essentials – Docker, Kubernetes, Jenkins

Publications & Conferences

- **"Leveraging AI for Predictive Maintenance,"** presented at the International Conference on Emerging Technologies, 2023.
- **"Innovative Approaches in Natural Language Processing,"** published in the Journal of Advanced Computing, 2022.
- Frequent panelist at industry tech meetups and bootcamps on scalable full stack development and machine learning.

Technical Skills & Proficiencies

- **Languages:** JavaScript (ES6+), TypeScript, Python, C/C++, Java, SQL
- **Frontend:** React, Angular, Next.js, TailwindCSS, Bootstrap, Redux, HTML/CSS
- **Backend:** Node.js, Express.js, Django, FastAPI, Spring Boot, REST/GraphQL APIs
- **Databases:** PostgreSQL, MySQL, MongoDB, Firebase, Redis
- **Tools & DevOps:** Git, Docker, Jenkins, Kubernetes, Nginx, Webpack, Vite
- **Cloud Services:** AWS (EC2, S3, Lambda), Azure, Google Cloud Platform
- **Testing:** Jest, Mocha, Cypress, Selenium, Postman

Additional Information

- **Languages:** Fluent in English and Vietnamese; adept in writing technical documentation and delivering demos.
- **Professional Memberships:** Active member of IEEE,ICCI, HCMIU research group.
- **Attributes:** Analytical thinker, collaborative leader, passionate about continuous learning and code excellence.