

Kieu Manh Dung

Software Engineer Fullstack Developer

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WORK EXPERIENCE

Software Engineer SAP Business Network | SAP

Nov 2024 – Present

- Nextgen Configuration Service UI and backend development (TypeScript, UI5, Spring Boot).
- Data Life Cycle Service UI development and backend integration.
- Data Foundation Research and POC using SAP HANA Graph for B2B network data modelling.
- Reduced GitHub security issues from 616 to 82, an 86.69% decrease.
- Used Databricks and Terraform to create and manage data processing jobs.

Software Engineer Technical Leader | Digital Fidelity

May 2024 – Aug 2024

- Led solution design and delivery for client-facing software projects.
- Translated stakeholder needs into user stories, system specifications, and managed delivery across teams.

Software Engineer Fullstack Developer | Tinasoft Vietnam

May 2020 – May 2024

- Delivered 15+ projects across payments, USSD transfer, BaaS mobile, and logistics products.
- Led frontend teams of up to 8 engineers; drove test coverage from 0% to 80% on banking-grade projects.
- Led Viettel Payment Gateway modernisation with Spring Boot 3 and SOAP/XML compatibility.

Software Engineer Fullstack Developer | FPT

Aug 2024 – Oct 2024

- Worked on a React Native home-services marketplace app for the US market at FPT.

SKILLS

Languages: TypeScript, JavaScript, Python, Java, C#, PHP

Frameworks: Spring Boot, NestJS, React, React Native, Django, UI5, CAP CDS

Infrastructure: Docker, Kubernetes, Helm, Databricks, Terraform, CI/CD, AWS, Azure, DigitalOcean

Databases: PostgreSQL, MongoDB, Redis, Kafka

Testing: JUnit, Karate, Selenium, WebdriverIO, Jest

AI: LLM integration, Claude API, Prompt Engineering

SELECTED PROJECTS

Viettel Payment Gateway *Software Engineer / Acting Tech Lead*

2023

- Modernised a legacy Java Servlet gateway to Spring Boot 3/PostgreSQL while preserving SOAP/XML support.
- Reduced codebase from 20–30 modular files to 2–4 core files; remained on-call during production cutover.

Skills: Java, Spring Boot, PostgreSQL

Aeon Banking BaaS *Team Lead*

Jun – Dec 2023

- Led development of a Banking-as-a-Service mobile application.
- Established testing standards; drove code coverage from 0% to 80%.

Skills: TypeScript, React Native, Jest

Tetrix Logistics *Frontend Team Lead*

Dec 2023 – Jun 2024

- Led a 3-person frontend team; built analytics dashboard (5 chart types) and a type-safe tree-structured dynamic form builder.

Skills: TypeScript, React

NuMessage *Software Engineer*

2023 – 2024

- Built a mass messaging platform with quota management, Twilio/Telnyx integration, and OpenAI-powered message generation.

Skills: TypeScript, NestJS, MongoDB, PostgreSQL

EDUCATION

Posts and Telecommunications Institute of Technology

2018 – 2023

Bachelor of Science in Electronic and Telecommunication