

Lê Văn Cảnh

Java Full-Stack Developer

Java Full-Stack Developer with hands-on experience building ERP systems and scalable web applications using Spring Boot, ReactJS, AWS, and REST APIs.
Delivered production features used by 50+ daily users, reducing manual processes by up to 40%.
Valedictorian of Aptech (ADSE 2023–2026) and **1st Place TechWiz Global IT Competition 2025**. Strong delivery mindset from 7 years leading production teams at Samsung Electronics.
Full portfolio – all projects, awards and press coverage: **canhle.dev**

Profile

0869.219.109

aplevancanh1993@gmail.com

canhle.dev

github.com/canhle1993

Bình Thạnh, TP.HCM

Education

Aptech Computer Education | 2023 - 2026

Advanced Diploma in Software Engineering (ADSE)

- GPA: 93/100
- Valedictorian (top graduate of the cohort)

Aptech Computer Education | 2025 - 2026

Certified Next-Gen Professional – AI (ACNPRO-AI)

- GPA: 97/100
- Artificial Intelligence, Machine Learning & Deep Learning

Work experience

Nichietsu | Sep 2024 - Mar 2025

Full-Stack Developer – Java Spring Boot · ReactJS · Oracle

- Developed the Construction Site Management module within a live ERP system serving 50+ daily users — integrating with quotation, warehouse, sales, and debt management across 6 interconnected modules.
- Designed and implemented 12+ RESTful APIs following layered architecture, applying input validation, exception handling, and transactional consistency; built ReactJS UI with approval workflows, reducing manual scheduling by ~40%; achieved zero critical post-release bugs during tenure.
- Applied clean code principles, modular design, and reusable components to improve maintainability across the Construction Site Management module.

Nichietsu | Jun 2024 - Sep 2024

Full-Stack Developer – .NET · Angular · PostgreSQL

- Migrated legacy manufacturing system from .NET 3.5 to modern stack — owned the Product module end-to-end, rebuilding all CRUD features and business logic on the new architecture while keeping existing production data and workflows intact.
- Built REST APIs with ASP.NET Core and PostgreSQL for the Product module, including validation, paging and search, consumed by the new Angular frontend.
- Implemented inline-editable data grids across 4 platform modules, improving data entry speed by ~30%; connected AI features via WebSocket for QR scanning on handheld devices.

Skills

Backend: Java, Spring Boot, Spring Security, JPA/Hibernate, REST API, Redis

Frontend: ReactJS, Angular

Database: MySQL, SQLServer, MongoDB

DevOps: Docker, GitHub Actions(CI/CD), Linux, Nginx, Git

Cloud: AWS (S3, SES, SQS, Parameter Store)

Practices: Unit Testing, Clean Code, Error Handling

Honors & Awards

2025

1st Place – TechWiz Global IT Hackathon 2025
IoT Ignite track, 15+ countries. Built a real-time IoT air quality monitoring system with <500ms latency using Raspberry Pi, Flask, and WebSocket in a 5-day sprint.

2026

Valedictorian – Aptech Computer Education
Top graduate of the ADSE 2023–2026 cohort.

Samsung Electronics HCMC CE Complex | 2016 - 2023

Production Line Leader – Manufacturing · QA · Leadership

- Led 20-person production line for 7 years — 100% monthly output targets, trained 30+ operators, reduced defect rate by ~15%. Skills in shift scheduling, incident escalation, and cross-functional coordination directly transferable to Agile environments.

Projects

Multi-Vendor E-Commerce Platform | Team Lead | Mar 2026 - Jun 2026

Spring Boot · ReactJS · MySQL · Redis · Docker · AWS · CI/CD

- Built the REST API (~380 endpoints) for buyers, sellers and admins: multi-shop checkout, vouchers (Strategy pattern), loyalty coins, returns and disputes with fault adjudication, seller payouts held until the return window.
- Integrated VNPay with HMAC-SHA512 signature checks and idempotent IPN handling, plus COD and an in-app wallet.
- Designed a money ledger where every wallet balance is backed by a platform custody account: idempotent transfers, a fixed lock order against deadlocks, and MySQL triggers that reject unbacked wallet writes (142 Flyway migrations).
- Prevented overselling with a two-layer stock guard: a Redis availability gate plus an atomic conditional SQL update with an optimistic version column.
- Implemented JWT auth with refresh-token rotation and reuse detection, Redis-based rate limiting, and AES-GCM encryption for seller ID numbers.
- Integrated the GHN shipping API and built a GHN Simulator backend for delivery, COD collection and remittance.
- Used S3 (public media and a private KYC bucket), SES transactional email, SQS queues for rule-based and Claude AI product moderation, and Parameter Store for secrets; real-time chat over WebSocket with MongoDB.
- ~680 test classes on Testcontainers MySQL using production migrations; CI split across 10 parallel shards.
- GitHub: github.com/canhle1993/ShopE-showcase
- Live demo: canhle.dev/shop-e