Vy Vu

Full stack developer · Java / Angular

+33 7 44 40 12 46 · bella.vnpv@gmail.com · bellasekai.com · Lyon, France

PROFILE

Full stack Java / Angular developer with 2+ years of experience in banking, energy and e-commerce, including a Quarkus / Angular back office owned end to end. Master's degree, available immediately for a permanent role.

SKILLS

Back end	Java, Spring Boot, Quarkus, JPA / Hibernate, REST APIs, Kafka, Keycloak, Maven
Front end	Angular, TypeScript, RxJS, SvelteKit, Thymeleaf, HTMX, Tailwind CSS, PrimeNG, Spartan
Databases	PostgreSQL, Oracle SQL, InfluxDB, Flyway
Tools & quality	Docker, Git, Jenkins, CI/CD, JUnit, Playwright (E2E), Oracle Cloud, Claude Code
Methods & design	Scrum, task estimation, data modeling, code review
Languages	Professional French (DELF B2), professional English (B2), Vietnamese (native)

EXPERIENCE

Full stack developer (final-year internship)
Nexen Tech · Energy and virtual power plant · Paris, France · 03/2026 – 09/2026

- Developed 5 interconnected back office modules (Quarkus, Angular) that together launch a simulation.
- Designed a block-based report builder (text, chart, table and KPI blocks) fed by 20 years of hourly data.
- Optimized chart loading (InfluxDB aggregation, semaphore, cache): **129 ms** cached versus **10 s** cold.
- Implemented the Spartan (shadcn/ui for Angular) design system: custom components, documented conventions.
- Set up Keycloak authentication (JWT, roles), FR/EN i18n split into per-page modules and Flyway migrations.

Founder and full stack developer
Bella Sekai Store · E-commerce and web apps · 07/2024 – 11/2026

- Built and ran a SvelteKit / PocketBase online store: **600+ users** and **5,000+ transactions**.
- Implemented optimistic concurrency control (compare-and-swap on a version field) to prevent overselling.
- Integrated QR code payment and automated delivery via webhooks: orders delivered right after payment, 24/7.

Freelance full stack developer
Burger's Lyon 8 · Restaurant · Lyon, France · 11/2023 – 06/2025

- Gathered requirements, prioritized features and shipped releases in direct collaboration with the client.
- Developed a scheduling app in Spring Boot and HTMX: shifts, absences, working hours and roles.
- Automated paperwork: accounting reports in Excel, prefilled Word contracts and printable PDF schedules.

Full stack developer
BVBank · Banking · Ho Chi Minh City, Vietnam · 11/2022 – 08/2023

- Developed a loan workflow (Spring Boot, HTMX) used by a whole department, bringing several systems into one app.
- Built a Spring Boot REST API for partial withdrawals from savings, connected to core banking.
- Integrated a bancassurance API (digital signatures, asynchronous callbacks) and Kafka notifications.

PERSONAL PROJECT

Bindery
AI-powered novel reading and translation platform · 09/2025 – Present

- Developed an offline reader (SvelteKit, PocketBase) used daily, with web and EPUB imports.
- Designed a translation pipeline on a local LLM with story memory and relevance-based context: **13× less** text sent.
- Built a REST API (token auth, idempotency) for a desktop app, a KOReader plugin and kosync; **350+ tests**, CI/CD.

EDUCATION

European Master's in IT, Intelligent Applications and Big Data
FEDE · Gaming Campus · RNCP level 7 (Master's) · Lyon, France · 09/2024 – 11/2026

Double degree: MSc Video Game Developer, Real-Time 3D Rendering and Immersive Technologies

BSc Computer Science
University of Caen Normandy · Caen, France · 09/2019 – 06/2022