David Rerimassie.

Full-Stack Java Developer

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Profile

Full-stack Java developer with 8+ years of experience building and running complete products. My focus is Java/Spring Boot microservices in Docker, with message queues, REST APIs and SQL databases behind them and Vue.js frontends on top. As lead developer at VEDS Group I build and run client platforms in EV charging, IoT, sports tech and healthcare, including the CI/CD and the Linux servers they run on. In my own time I built Allsono, a multi-platform product I run end-to-end.

Skills

Backend	Java 21, Spring Boot, Spring Cloud Gateway, Spring Security, Maven, REST APIs, OpenAPI
Architecture	Microservices, RabbitMQ, WebSockets, Redis, JWT
Frontend	Vue.js 3, Vite, Pinia, JavaScript, HTML / CSS
Data	MySQL, PostgreSQL, Flyway, SQL
DevOps	Docker, Docker Compose, Linux, nginx, GitHub Actions, Git
Mobile	Android (Java, Kotlin), iOS (Swift / SwiftUI)
EV charging	OCPP 1.6, OCPI, OCHP / e-clearing, smart charging
Other	C# / .NET, Odoo, IoT
Languages	Dutch (native), English (fluent)

Experience

VEDS Group · Eindhoven

Aug 2018 — Present

Lead Developer since 2024 · previously Software Engineer (2018 — 2024)

Software for external clients in EV charging, sports tech, industrial and medical applications.

- Lead for a team of 3 frontend and backend engineers: architecture, code reviews and delivery.
- Manage the company network, servers and systems; work directly with clients and mentor junior engineers.

Selected projects from a wider portfolio:

CPO platform for a nationwide charge point operator

5,000–6,000 charge points

- Built a microservice architecture of about 20 **Java 21 / Spring Boot 3** services, each in its own **Docker** container and orchestrated with Docker Compose for development, test and production.
- **Spring Cloud Gateway** as the single entry point; services talk asynchronously over **RabbitMQ**, backed by Redis and MySQL with Flyway migrations.
- Central system for **OCPP 1.6** over WebSockets for live communication with the charge points; **OCPI** and OCHP/e-clearing integrations for roaming with other networks.
- Smart charging based on dynamic energy prices and weather data, to charge when energy is cheapest.
- Services for transactions, charging cards, authorisation (Spring Security, JWT), invoicing, helpdesk, e-mail, push notifications and a public REST API (OpenAPI).
- Integration with the client's ERP (Odoo), running on-premise on company servers that I manage.
- Vue 3 + Vite frontends (customer portal, admin, web shop) and native Android and iOS apps.

Java 21 · Spring Boot 3 · Spring Cloud Gateway · RabbitMQ · Redis · MySQL · Flyway · Docker · nginx · Vue 3

Native apps and IoT

- Built native Android (Java, Kotlin) and iOS (Swift) apps for several clients: installer tools, charging management and IoT dashboards.
- IoT product for a **sports-tech startup**: a sensor-equipped boxing mask that measures hit location and g-force, shown live in a mobile app.
- Software for clients in industry and the medical sector.

Android (Java/Kotlin) · Swift · IoT

Own Product

Allsono · Founder & Developer allsono.com ↗ 2026 – Present

Plays one song on all your devices at exactly the same time: audio from one device streams sample-accurately to Macs, Android phones and iPhones on the same Wi-Fi. Designed, built and operated by me.

- **Backend:** Spring Boot 4 (Java 21) REST API on PostgreSQL with Flyway: accounts, e-mail verification, password reset, admin portal, release feed and rate limiting.
- **Security:** Ed25519-signed app licences, hashed device tokens and Cloudflare Turnstile.
- **Frontend:** Vue 3 + Vite site, prerendered for SEO, in four languages.
- **DevOps:** GitHub Actions tests, builds and deploys every push to a Linux server (nginx, Let's Encrypt).
- **Apps:** Android (Kotlin, Compose), macOS and iOS (SwiftUI, Core Audio) with a custom TCP protocol and clock sync.

Java 21 · Spring Boot 4 · PostgreSQL · Flyway · Vue 3 · GitHub Actions · nginx

Education & internships

Software Developer, MBO-4 · Summa College, Eindhoven 2015 – 2018

Software Engineer Intern · VEDS Group, Eindhoven Feb 2018 – Jul 2018

Worked on client projects, internal tools and code reviews.

Software Developer Intern · ASB Security, Eindhoven Sep 2016 – Feb 2017

Built a C#/.NET control-room application that lets any PC put content on the central video wall.

Volunteering

Volunteer · Stichting Dakloze Kat (cat rescue) daklozekat.nl ↗ 2025 – Present

Foster home for rescue cats; I also help with trapping actions and drive for the foundation, collecting and delivering food and bringing adopted cats to their new homes.