Semen Morozov

Software engineer

Vantaa, Finland / Tel.: +358 401253609 / E-mail: semenmorozov24@gmail.com / LinkedIn / Portfolio

Summary:

Results-driven Software engineer with 4+ years of experience designing and implementing scalable microservices architectures and enterprise applications. Deep expertise in Java/Kotlin, Spring Boot ecosystem, RESTful API design, and cloud-native solutions. Proven track record optimizing high-load systems (1000+ daily transactions), reducing query response times by 97%, and leading full-cycle development from architecture design to production deployment. Strong DevOps foundation with Docker, Kubernetes, CI/CD pipelines, and AWS. Seeking to leverage technical leadership and architectural expertise in a senior engineering role.

Citizenship: Finland

PROFESSIONAL EXPERIENCE

Software engineer (mobile/backend) — Helsinki, Finland
Vesko Oy – E-Commerce platform Start Up — May 2024 - Apr. 2025

- Developed modular UI components using **React Native** + **TypeScript and Redux**, improving UI load time by ~20%
- Integrated with **Java-based backend services** via RESTful APIs, implementing proper error handling and data validation
- Collaborated with backend team on **Spring Boot microservices** architecture, contributing to API design and documentation
- Implemented unit tests with Jest for frontend and supported **JUnit integration testing** for API endpoints
- Participated in sprint planning and code reviews, reducing feature delivery time by 15%

Full-Stack Developer — Helsinki, Finland
Bravori Oy – Finnish music educational platform Start Up — Apr. 2023 - May 2024

- Led the development of Bravori, a cross-platform mobile app for music education, using React Native**,** TypeScript, and Redux
- Increased user retention by 35% through intuitive UX and personalized learning features
- Integrated REST APIs for content delivery, authentication, and progress tracking, improving app reliability and reducing integration issues
- Collaborated with educators and backend developers to ensure high-quality learning flows and reliable data sync
- Contributed to CI/CD pipelines, reducing release cycle time by 30% and improving app stability
- Integrating **Java/Spring Boot backend services**
- Optimized application performance resulting in 25% improvement in user engagement and 35% increase in retention

Backend Developer (Java/Kotlin/Spring Boot) — Cork, Ireland
(Remote) — Jun. 2021 - Apr. 2023

Enterprise Repair Management System:

- Built RESTful APIs using **Java/Kotlin and Spring Boot** for managing repair orders, tracking repair statuses, and inventory management
- Designed microservices architecture handling **1000+ daily repair orders** with real-time status updates and automated notifications
- Implemented secure authentication and authorization with **JWT tokens** for multi-tenant B2B environment
- Optimized database queries and indexing, reducing order retrieval times from 8+ seconds to **under 200ms**
- Deployed services to **AWS (EC2, S3)** with containerization using **Docker** for consistent production environments

Technical Architecture & DevOps:

- Developed modular microservices with clean separation of concerns for order management, inventory tracking, and customer communications
- Built reactive backend services using **Kotlin coroutines** and **Flow** for asynchronous processing and real-time data synchronization
- Established **CI/CD pipelines** using GitHub Actions for automated testing and deployment
- Implemented comprehensive testing strategy with **unit and integration tests**, ensuring 90%+ code coverage

EDUCATION

Metropolia University of Applied Sciences — Helsinki, Finland
Bachelor of computer engineering

Omnia — Kirkkonummi, Finland
IT Support Specialist