

Marin Dulja

Backend Engineer | Java & Kotlin | Full-Stack Web Applications (React.js)

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PROFILE

Backend Engineer with 3.5+ years of experience building robust, event-driven systems using Java, Kotlin, and Spring Boot. Skilled in designing and delivering microservices, REST/GraphQL APIs, and scalable data architectures. Experienced in fully remote and contracting environments, consistently delivering features with high reliability, autonomy, and clear communication. Currently expanding into full-stack development with React.js, HTML, CSS, Tailwind CSS, and modern JavaScript to strengthen frontend capabilities and support full product delivery.

WORK EXPERIENCE (Remote & Contracting)

04/2025 – 11/2025

Remote, Slovakia

Backend Software Engineer (Contractor)

ADUS Technologies s.r.o

Project – AI-Driven Trading Application

As part of a fully remote team building a real-time trading intelligence platform, I delivered core backend features that supported AI-generated trading signals for crypto, forex, and futures assets. Across 6+ months, I completed 70+ tasks end-to-end, consistently meeting deadlines and adapting quickly to changing requirements.

Key Contributions & Responsibilities

- Implemented real-time trading signal pipelines using RabbitMQ, WebSockets, PostgreSQL, and MongoDB, enabling instant updates for high-frequency users.
- Developed complete backend features - from design and API structure through implementation, testing, and deployment to dev and test environments.
- Built user-facing systems such as community chat, subscription billing (Stripe), and multi-channel notifications (OneSignal, SMTP), supporting platform engagement and monetization.
- Improved reliability and stability by creating integration tests that validated API behavior across critical flows.
- Designed & maintained database migrations for PostgreSQL and MongoDB (including custom migration scripts in JavaScript).
- Collaborated closely with PMs, QA, and the client, ensuring alignment on requirements, acceptance criteria, and delivery timelines in a remote environment.

08/2024 – 02/2025

Remote, Qatar

Backend Software Engineer (Contractor)

Noema Consulting

- Collaborated effectively with Backend, Frontend, and QA teams in an Agile environment with daily Scrum meetings.
- Delivered consistently under pressure in a 10+ member team, meeting tight deadlines throughout a 6-month period.
- Contributed to a large-scale banking system with 240+ microservices, deploying changes across 10+ services.
- Completed 80+ Jira issues, fixing critical bugs and implementing features that improved overall system functionality.
- Designed and maintained RESTful and GraphQL APIs in Kotlin + Spring Boot, ensuring reliable and scalable communication layers.
- Improved system stability by writing comprehensive unit and integration tests, increasing coverage and reducing bugs (including work with OpenFGA).
- Earned the **Azure Developer Associate (AZ-204)** certification, demonstrating continuous improvement and commitment to cloud proficiency.

05/2023 – 12/2023

Remote, Austria

Backend Java Developer (Contractor)

Candidatis GmbH

- Sole backend developer maintaining and optimizing JobAd portal for Austria & Germany.
- Enhanced a Spring Boot web crawler reducing runtime by 30%.
- Integrated REST and GraphQL APIs to improve platform interoperability.
- Mentored a junior developer to ensure smooth project transition.

11/2022 – 05/2023

Remote, Durres

Java Developer

Sabanet Albania

- Enhanced the MyPumaSecurity backend (500+ users) by integrating external APIs, upgrading 8+ microservices from Java 11 to 17, and applying strong design principles.
- Contributed to a 10+ microservice Spring Cloud architecture, handling service discovery, gateway routing, centralized config, and implemented a new microservice integrated via Retrofit.

- Completed intensive SQL Server training, solving 15+ advanced queries, demonstrating continuous learning and growth in technical and architectural skills.

07/2021 – 10/2022
La Spezia, Remote

Java Fullstack Developer

Comdata Group

- Joined as a junior with no prior experience; grew quickly to independently deliver 50+ tasks in both frontend and backend, using ZK(MVVM), Java 8 and Spring
- Leveraged PostgreSQL, Hibernate, and Spring Data JPA for robust data handling.
- Delivered 90%+ of tasks on time, with guidance from a mid-level engineer - demonstrating integrity, eagerness to learn, and reliability from the very beginning.

EDUCATION

2018 – 2020

Master of Science in Computer Science

University of Tirana

Final Grade: 8.1/10

2015 – 2018

Bachelor of Science in Computer Science

University of Tirana

Final Grade: 8.18/10

CORE SKILLS

Languages

Java, Kotlin, SQL, JavaScript (ES6+)

Messaging

RabbitMQ, Kafka, WebSocket/STOMP

Frontend

React.js, HTML5, CSS3, Tailwind CSS

Frameworks & Libraries

Spring Boot, Spring Cloud, Spring Security, Spring Data JPA, Hibernate, GraphQL, Retrofit, Lombok, MapStruct, Feign Client, OneSignal API, Stripe SDK, OAuth 2.0, JWT (JSON Web Tokens), ZK Framework

Cloud & DevOps

Azure, Docker, Kubernetes, Git, Docker Compose

Backend & Architecture

Microservices, Event-Driven Systems, Distributed Systems, API Design (REST & GraphQL), API Integration

Testing

JUnit, Mockito, Integration Testing

Databases

PostgreSQL, MongoDB, SQL Server, SQL Query Optimization

Tools

IntelliJ IDEA, Postman, Swagger/OpenAPI, Jira, GitHub, Maven

PERSONAL PROJECTS

12/2025

Personal Finance Tracker

Built a real-world personal finance web application focused on **daily usability**, data persistence, and clean user flows.

Key contributions & impact:

- Designed and implemented an end-to-end system for tracking **income, expenses, categories, and balances**, with clear monthly insights.
- Migrated the backend architecture from a custom Java/Spring Boot API to **Supabase**, simplifying authentication, data persistence, and user management while reducing operational overhead.
- Implemented **real authentication**, secure user isolation, and reliable data storage to support real usage (not just demo flows).
- Built a responsive, modern UI using **React.js and Tailwind CSS**, optimized for clarity, low cognitive load, and mobile usage.

02/2024 – 07/2024

Therapism

AI-assisted mental health platform (Backend Only) integrating Zoom & Spring AI. 6,000+ LOC monolith with Spring Boot & Spring Security

06/2024 – 06/2024

Quotes Social Network

REST backend for posting, commenting & liking features (Spring Boot, PostgreSQL). Integrated an external API for fetching the quotes.

11/2025 – 11/2025

Additional Projects: Restaurant Website, Quiz App, Weather App — built to practice HTML, CSS, and JavaScript fundamentals.

CERTIFICATION

- Microsoft Certified: Azure Developer Associate (AZ-204) ☐