

# Marin Dulja

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

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## PROFILE

Backend-focused Full-Stack Engineer with 3.5+ years of experience building reliable, event-driven systems using Java, Kotlin, and Spring Boot in remote teams. Strong background in microservices, REST/GraphQL APIs, distributed systems, and data-intensive applications. Currently expanding frontend expertise with React.js to support full product ownership and faster iteration.

## WORK EXPERIENCE (Remote & Contracting)

11/2025 – Present

### **Freelance Full-Stack Web Developer**

*Self-Employed*

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**

- Designed and implemented real-time trading signal pipelines using RabbitMQ, WebSockets, PostgreSQL, and MongoDB, enabling low-latency updates for high-frequency users.
- Owned backend features end-to-end — from system design and API modeling through implementation, testing, and deployment to development 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.
- Increased platform reliability by introducing integration test coverage for critical API flows, reducing regressions and deployment risk.
- 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.
- Delivered 80+ tasks across multiple services, fixing critical bugs and shipping new features that improved system stability and business workflows.
- 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 engineer responsible for maintaining and evolving a JobAd platform used across Austria and 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**

*Sabonet Albania*

- Enhanced the MyPumaSecurity backend (500+ users) by integrating external APIs, upgrading 8+ microservices from Java 11 to 17, and applying strong design principles.

07/2021 – 10/2022  
La Spezia, Remote

- 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.

### Java Fullstack Developer

Comdata Group

- Joined as a junior engineer and quickly progressed to independently delivering 50+ frontend and backend tasks 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	<b>Master of Science in Computer Science</b> <i>University of Tirana</i> Final Grade: 8.1/10
2015 – 2018	<b>Bachelor of Science in Computer Science</b> <i>University of Tirana</i> Final Grade: 8.18/10

## CORE SKILLS

<b>Languages</b> Java, Kotlin, SQL, JavaScript (ES6+)	<b>Frameworks &amp; Libraries</b> 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	<b>Backend &amp; Architecture</b> Microservices, Event-Driven Systems, Distributed Systems, API Design (REST & GraphQL), API Integration	<b>Databases</b> PostgreSQL, MongoDB, SQL Server, SQL Query Optimization
<b>Messaging</b> RabbitMQ, Kafka, WebSocket/STOMP		<b>Cloud &amp; DevOps</b> Azure, Docker, Kubernetes, Git, Docker Compose	<b>Testing</b> JUnit, Mockito, Integration Testing
<b>Tools</b> IntelliJ IDEA, Postman, Swagger/OpenAPI, Jira, GitHub, Maven	<b>Frontend</b> React.js, HTML5, CSS3, Tailwind CSS		

## PERSONAL PROJECTS

12/2025	<b>Personal Finance Tracker</b> Built a real-world personal finance web application focused on <b>daily usability</b> , data persistence, and clean user flows. <b>Key contributions &amp; impact:</b> <ul style="list-style-type: none"><li>• Designed and implemented an end-to-end system for tracking <b>income, expenses, categories, and balances</b>, with clear monthly insights.</li><li>• Migrated the backend architecture from a custom Java/Spring Boot API to <b>Supabase</b>, simplifying authentication, data persistence, and user management while reducing operational overhead.</li><li>• Implemented <b>real authentication</b>, secure user isolation, and reliable data storage to support real usage (not just demo flows).</li><li>• Built a responsive, modern UI using <b>React.js and Tailwind CSS</b>, optimized for clarity, low cognitive load, and mobile usage.</li></ul>
02/2024 – 07/2024	<b>Therapism</b> AI-assisted mental health platform (Backend Only) integrating Zoom & Spring AI. 6,000+ LOC monolith with Spring Boot & Spring Security
06/2024 – 06/2024	<b>Quotes Social Network</b> REST backend for posting, commenting & liking features (Spring Boot, PostgreSQL). Integrated an external API for fetching the quotes.
11/2025 – 11/2025	<b>Additional Projects:</b> Restaurant Website, Quiz App, Weather App — built to practice HTML, CSS, and JavaScript fundamentals.

## CERTIFICATION

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