

# Marin Dulja

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

✉ [duljamarin@gmail.com](mailto:duljamarin@gmail.com) ☎ +355 68 444 8934 📍 Albania 🌐 <https://www.linkedin.com/in/marin-dulja/>

🐙 [github.com/freudmarin](https://github.com/freudmarin) 🏹 Male 🔗 <https://marindulja.com>

## 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 EXPERINECE (Remote & Contracting)

11/2025 – Present	<b>Freelance Full-Stack Web Developer</b> <i>Self-Employed</i>
04/2025 – 11/2025 Remote, Slovakia	<b>Backend Software Engineer (Contractor)</b> <i>ADUS Technologies s.r.o</i> 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. <b>Key Contributions &amp; Responsibilities</b> <ul style="list-style-type: none"><li>• Designed and implemented real-time trading signal pipelines using RabbitMQ, WebSockets, PostgreSQL, and MongoDB, enabling low-latency updates for high-frequency users.</li><li>• Owned backend features end-to-end — from system design and API modeling through implementation, testing, and deployment to development and test environments.</li><li>• Built user-facing systems such as community chat, subscription billing (Stripe), and multi-channel notifications (OneSignal, SMTP), supporting platform engagement and monetization.</li><li>• Increased platform reliability by introducing integration test coverage for critical API flows, reducing regressions and deployment risk.</li><li>• Designed &amp; maintained database migrations for PostgreSQL and MongoDB (including custom migration scripts in JavaScript).</li><li>• Collaborated closely with PMs, QA, and the client, ensuring alignment on requirements, acceptance criteria, and delivery timelines in a remote environment.</li></ul>
08/2024 – 02/2025 Remote, Qatar	<b>Backend Software Engineer (Contractor)</b> <i>Noema Consulting</i> <ul style="list-style-type: none"><li>• Collaborated effectively with Backend, Frontend, and QA teams in an Agile environment with daily Scrum meetings.</li><li>• Delivered consistently under pressure in a 10+ member team, meeting tight deadlines throughout a 6-month period.</li><li>• Contributed to a large-scale banking system with 240+ microservices, deploying changes across 10+ services.</li><li>• Delivered 80+ taks across multiple services, fixing critical bugs and shipping new features that improved system stability and business workflows.</li><li>• Designed and maintained RESTful and GraphQL APIs in Kotlin + Spring Boot, ensuring reliable and scalable communication layers.</li><li>• Improved system stability by writing comprehensive unit and integration tests, increasing coverage and reducing bugs (including work with OpenFGA).</li><li>• Earned the <b>Azure Developer Associate (AZ-204)</b> certification, demonstrating continuous improvement and commitment to cloud proficiency.</li></ul>
05/2023 – 12/2023 Remote, Austria	<b>Backend Java Developer (Contractor)</b> <i>Candidatis GmbH</i> <ul style="list-style-type: none"><li>• Sole backend engineer responsible for maintaining and evolving a JobAd platform used across Austria and Germany.</li><li>• Enhanced a Spring Boot web crawler reducing runtime by 30%.</li><li>• Integrated REST and GraphQL APIs to improve platform interoperability.</li><li>• Mentored a junior developer to ensure smooth project transition.</li></ul>
11/2022 – 05/2023 Remote, Durres	<b>Java Developer</b> <i>Sabanet Albania</i> <ul style="list-style-type: none"><li>• Enhanced the MyPumaSecurity backend (500+ users) by integrating external APIs, upgrading 8+ microservices from Java 11 to 17, and applying strong design principles.</li></ul>

- 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 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

### 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

### Tools

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

### 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

### Frontend

React.js, HTML5, CSS3, Tailwind CSS

### Backend & Architecture

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

### Cloud & DevOps

Azure, Docker, Kubernetes, Git, Docker Compose

### Databases

PostgreSQL, MongoDB, SQL Server, SQL Query Optimization

### Testing

JUnit, Mockito, Integration Testing

## 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) 