

Marin Dulja

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

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PROFILE

Full-Stack Engineer with 4 years of experience building scalable, event-driven systems using Java, Kotlin, and Spring Boot across distributed teams. Proven track record delivering 200+ production features in both monolithic and microservices architectures for trading platforms, banking systems, alarm management system, etc. Strong foundation in backend development (REST/GraphQL APIs, distributed systems, databases) now expanding frontend capabilities with React.js to enable end-to-end product ownership and rapid iteration.

WORK EXPERIENCE (Remote & Contracting)

11/2025 – Present	Freelance Full-Stack Web Developer <i>Self-Employed</i>
04/2025 – 11/2025 Remote, Slovakia	Backend Software Engineer (Contractor) <i>ADUS Technologies s.r.o</i> Project – AI-Driven Trading Application <i>AI-Driven Trading Application</i> Built core backend infrastructure for a real-time trading intelligence platform delivering AI-generated signals across crypto, forex, and futures markets. Completed 70+ end-to-end tasks over 6 months in a fully remote environment. <ul style="list-style-type: none">Developed real-time trading signal pipelines using RabbitMQ, WebSockets, PostgreSQL, and MongoDB, enabling sub-second latency for high-frequency trading users.Owned complete feature lifecycle from system design and API modeling through testing and deployment to dev/test environmentsDelivered revenue-critical features including community chat, Stripe subscription billing, and push notifications (OneSignal) directly supporting platform monetizationImproved platform stability by implementing integration test coverage for critical API flows, reducing post-deployment regressions by 40%Designed and maintained database migrations for PostgreSQL and MongoDB, including custom JavaScript migration scriptsCollaborated with PMs, QA, Frontend Developers and stakeholders to ensure alignment on requirements and delivery timelines
08/2024 – 03/2025 Remote, Qatar	Backend Software Engineer (Contractor) <i>Noema Consulting</i> Contributed to a large-scale banking system with 240+ microservices in a 10-member Agile team with daily Scrums. <ul style="list-style-type: none">Delivered 80+ tasks across 10+ microservices, shipping critical bug fixes and features that improved system stability and business workflowsDesigned and maintained RESTful and GraphQL APIs using Kotlin and Spring Boot, ensuring scalable service communicationIncreased test coverage by writing comprehensive unit and integration tests (including OpenFGA integration), reducing production bugsEarned Azure Developer Associate (AZ-204) certification, demonstrating commitment to cloud proficiency and continuous learningConsistently met tight deadlines under pressure while maintaining code quality standards
05/2023 – 12/2023 Remote, Austria	Backend Java Developer (Contractor) <i>Candidatis GmbH</i> Sole backend engineer responsible for maintaining and evolving a JobAd platform serving users across Austria and Germany. <ul style="list-style-type: none">Optimized Spring Boot web crawler, reducing runtime by 30% and improving data freshnessIntegrated REST and GraphQL APIs to enhance platform interoperability and third-party integrationsMentored junior developer, ensuring smooth knowledge transfer and project continuity
11/2022 – 05/2023 Remote, Durres	Java Developer <i>Sabanet Albania</i> Integrated external APIs and upgraded 8+ microservices from Java 11 to Java 17, applying SOLID design principles <ul style="list-style-type: none">Contributed to 10+ microservice architecture handling service discovery, API gateway routing, and centralized configurationImplemented new microservice using Retrofit for seamless API integration

07/2021 – 10/2022
La Spezia, Remote

Java Fullstack Developer

Comdata Group

Joined as junior engineer and rapidly progressed to independently delivering features across the full stack.

- Delivered 50+ frontend and backend tasks using ZK Framework (MVVM), Java 8, and Spring Boot
- Leveraged PostgreSQL, Hibernate, and Spring Data JPA for robust data persistence
- Achieved 90%+ on-time delivery rate with mentorship from mid-level engineer, demonstrating reliability and eagerness to learn

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.
- Added advanced features for : **recurring transactions, spending insights, financial score and financial goals**.
- 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) ☐