

# Marin Dulja

Backend Engineer | Kotlin & Java

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## A FEW WORDS ABOUT ME

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- **Mid-Level Backend Developer** with **3.5+** years of experience building robust and scalable systems using **Java**, **Kotlin**, and **Spring Boot**. Proficient in **microservices architecture**, **REST & GraphQL APIs**. Known for **integrity**, **resilience**, and taking ownership from development to deployment and a commitment to **continuous improvement**.

## PROFESSIONAL EXPERIENCE

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### Backend Software Engineer

ADUS Technologies

Location : (Remote from Albania)

04/2025

Poprad, Slovakia

Project - Crypto & Forex Trading Platform (Fintech / Trading Software)As part of a remote team developing a trading intelligence platform, I have been responsible for implementing core backend features that support AI-generated trading signals for crypto and forex assets.

#### Key Responsibilities & Contributions:

- **Signal Processing & Workflow:** Built the full backend logic for trading signal flows (Buy/Sell/Wait), implementing custom rules based on customer requirements, handling payloads, processing signal prices, and enabling real-time recommendations.
- **Real-Time Communication:** Integrated RabbitMQ for queueing and WebSockets for instant push of signals to the frontend.
- **Push Notifications & Email:** Developed signal-triggered push notification rules with OneSignal (including ongoing feature requests) and set up Yandex SMTP for email delivery.
- **Data & Reporting:** Implemented trading statistics backend, signal retrieval endpoints with filters + pagination and CSV export (with data limits).
- **Community & User Features:** Built backend for community chat (nested comments, likes/dislikes), subscription invoicing & billing history with Stripe, promotional code tracking, and "Never ask again" widget logic.
- **Integrations:** Initiated Coinbase Broker API connection (broker listing, account integration).
- **Database & Infrastructure:** Set up migrations for both PostgreSQL and MongoDB.
- **Mobile App Support:** Delivered new backend endpoints tailored for the mobile application.
- **Cross-Team Collaboration:** Maintained close communication in a small team with project manager, backend/frontend developers, and QA testers, ensuring alignment on requirements, deadlines, and feature behavior.

### Backend Software Engineer

Noema Consulting

Location: Doha, Qatar (Remote from Albania)

08/2024 – 02/2025

- Delivered under intense pressure in an Agile team of 10+ members, consistently meeting tight deadlines over a 6-month period, demonstrating resilience, professionalism, and collaboration.
- Contributed to a large-scale banking system with **240+ microservices**, modifying and deploying changes to over **10 microservices** across the architecture.
- Completed 80+ Jira issues in six months, addressing critical bugs and implementing new features that improved website functionality.
- Designed and maintained **RESTful and GraphQL APIs** using Kotlin and Spring Boot, ensuring smooth data exchange and modular scalability.
- Participated in production monitoring using **Azure Kubernetes Service**, inspecting logs via kubectl and assisting with debugging microservice failures.
- Improved reliability by implementing unit & integration tests, increasing test coverage and reducing bugs — notably during OpenFGA integration

- Earned the **Azure Developer Associate (AZ-204)** certification while actively contributing to production code — showing commitment to continuous growth.

### Backend Java Developer

Candidatis GmbH

Location: Vienna, Austria (Remote from Albania)

05/2023 – 12/2023  
Vienna, Austria

- Acted as **sole backend developer** for 6+ months in a startup environment — adding value to the backend of a JobAd Portal for Austria and Germany.
- Refactored and improved **Tiger**, a web crawler system using Spring Boot, reducing processing time through effective concurrency and code optimizations.
- Integrated external **GraphQL and REST APIs**
- Before departure, mentored a junior developer, ensuring a **smooth project handoff**, showing leadership, maturity, and respect for long-term team success.
- Left due to lack of long-term growth opportunities, valuing career development and meaningful contribution.

### Backend Java Developer

Sabanet Albania

11/2022 – 05/2023

Location: Durres, Albania (Remote)

11/2022 – 05/2023

- Improved a backend application for MyPumaSecurity mobile app (Alarm management system) with 500+ users.
- Contributed to a **10+ microservice architecture** using Spring Cloud, handling service discovery, gateway routing, and centralized config management.
- **Designed and implemented a microservice from scratch**, integrating it via **Retrofit** and contributing to the core ecosystem.
- Integrated external APIs to enhance functionality.
- **Completed a one-week intensive training on SQL Server**, successfully solving **15+ advanced query challenges**, with **10+ completed to perfection**, demonstrating eagerness to deepen technical depth and cross-skill with different database systems.
- Project was discontinued, prompting transition to new opportunities.

### Java Full-Stack Developer

Comdata Group

Location: La Spezia, Italy (Remote from Albania)

06/2021 – 10/2022

- Joined as a junior with no prior experience; grew quickly to independently deliver **50+ tasks** in both frontend and backend within 9 months.
- Worked on internal **BPM software** using **ZK Framework (MVVM)** and integrated with **Spring Boot**, achieving **30% faster load times** through optimized rendering and binding.
- 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

### Master of Science, Computer Science

University of Tirana

Final Grade: **8.1/10**

Master Thesis : **9/10**

10/2018 – 07/2020  
Tirana, Tirana

## LANGUAGES

English



German




Italian



## PROJECTS

### Therapism

Jan 2024 – Jun 2024 | Java, Spring Boot, PostgreSQL, Spring AIMVP mental health platform exploring AI-assisted therapy and Zoom integration. Built as a **6,000+ LOC** monolith with Spring Security, JPA, and clean architecture.

GitHub: [freudmarin/Therapism](#) 

01/2024 – 06/2024

## CERTIFICATES

**Azure Developer Associate (AZ-204)**  
Credential Link :  
<https://learn.microsoft.com/en-us/users/marindulja-4281/credentials/95bcad6e81b05db8?ref=https%3A%2F%2Fwww.linkedin.com%2F>

## COURSES

<b>Spring Boot Microservices with Spring Cloud Beginner To Guru</b> <i>Udemy</i>	11/2023 – 11/2023
<b>Divide and Conquer, Sorting and Searching, and Randomized Algorithms</b> <i>Coursera</i>	07/2023 – 07/2023
<b>Master Microservices with Spring Boot and Spring Cloud</b> <i>Udemy</i>	02/2023 – 02/2023

## TECH STACK

**TECH STACK**  
**Languages & Frameworks:** Java, Kotlin, Spring Boot, Spring Cloud, Spring Security, GraphQL, ZK Framework (MVVM)  
**Architectural Patterns:** Microservices, Monolithic, SOLID, Design Patterns, Clean Architecture  
**Databases:** PostgreSQL, MySQL, MongoDB, SQL Server, Hibernate, Spring Data JPA  
**Messaging & APIs:** RESTful APIs, GraphQL APIs, RabbitMQ, Apache Kafka, WebClient, Websokets  
**Cloud & DevOps:** Microsoft Azure, Docker, Kubernetes, CI/CD, Git  
**Testing & QA:** JUnit, Mockito, Unit & Integration Testing, Debugging  
**Other:** Concurrency Management, API Design, Scalable Microservices Development

## SOFT-SKILLS

<b>Integrity &amp; Responsibility</b>	<b>Time Management</b> Using Jira and YouTrack to prioritize tasks
<b>Effective Communication</b> Clear and respectful in both technical and non-technical discussions	<b>Attention to details</b>
<b>Problem-Solving</b> Approaches bugs and incidents with composure and analytical thinking	<b>Teamwork &amp; Collaboration</b> Working well with cross-functional teams in international projects (developers, designers, QA team, etc.)
<b>Easy Learner</b> Rapidly absorbs new concepts and technologies, swiftly transitioning from learning to effective application.	