Marin Dulja

Backend Engineer | Kotlin & Java

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A FEW WORDS ABOUT ME

- **Mid-Level Backend Developer** with 3+ 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

Backend Software Engineer   04/2025
ADUS Technologies   Poprad, Slovakia
Location : (Remote from Albania)
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:
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.

- **Signal Workflow Development:** Implemented robust backend logic to process incoming AI-generated signals from external providers. This includes determining the latest actionable signal per asset and computing trading recommendations (Buy / Sell / Wait) in real-time.
- **Real-Time Communication (RabbitMQ & WebSockets):** Developed and integrated a signal delivery mechanism using **RabbitMQ** for backend message queueing and **WebSockets** to push real-time trading signals from the backend to the frontend.
- **Push Notification System:** Integrated **OneSignal** to deliver real-time, user-targeted push notifications triggered by incoming trading signals and other market events.
- **Community Chat Module:** Developed backend logic for a **community chat feature**, supporting topic-based discussions, nested comments (with maximum reply depth enforcement), and like/dislike interactions.
- **Application Settings Management :** Contributed to backend APIs that dynamically manageinstrument settings and advanced settings.
- **Database Design & Migrations:**
- **Email Notifications via Yandex SMTP:** Configured **Yandex email service.**
- **Coinbase Integration:** Initiated the integration with **Coinbase Broker API** to enable fiat-to-crypto trading capabilities within the platform.
- **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   08/2024 – 02/2025
Noema Consulting
Location: Doha, Qatar (Remote from Albania)

- 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   05/2023 – 12/2023
Candidatis GmbH   Vienna, Austria
Location: Vienna, Austria (Remote from Albania)
- 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   11/2022 – 05/2023
Sabanet Albania
11/2022 – 05/2023
Location: Durres, Albania (Remote)

- 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   06/2021 – 10/2022
Comdata Group

Location: La Spezia, Italy (Remote from Albania)
- 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   10/2018 – 07/2020
University of Tirana   Tirana, Tirana
Final Grade: **8.1/10**
Master Thesis : **9/10**

LANGUAGES

English   ● ● ● ● ○   German   ● ● ○ ○ ○

Italian   ● ● ○ ○ ○

PROJECTS

Therapism 🔗   01/2024 – 06/2024
Jan 2024 – Jun 2024 | Java, Spring Boot, PostgreSQL, Spring AI MVP 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 🔗

Quotes Social Network 🔗   05/2024 – 06/2024
Built **backend** for a **quote-sharing platform** with **user auth**, **posting, commenting, and liking features**
GitHub: freudmarin/QuotesSocialNetworkBE 🔗

CERTIFICATES

Azure Developer Associate (AZ-204)
Credential Link :
https://learn.microsoft.com/en-us/users/marindulja-4281/credentials/95bcad6e81b05d b8?
ref=https%3A%2F%2Fwww.linked in.com%2F 🔗

COURSES

Spring Boot Microservices with Spring Cloud Beginner To Guru 🔗   11/2023 – 11/2023
Udemy

Divide and Conquer, Sorting and Searching, and Randomized Algorithms 🔗   07/2023 – 07/2023
Coursera

Master Microservices with Spring Boot and Spring Cloud 🔗   02/2023 – 02/2023
Udemy

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, Webcokets
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

Integrity & Responsibility

Effective Communication
Clear and respectful in both technical and non-technical discussions

Problem-Solving
Approaches bugs and incidents with composure and analytical thinking

Easy Learner
Rapidly absorbs new concepts and technologies, swiftly transitioning from learning to effective application.

Time Management
Using Jira to prioritize tasks

Attention to details

Teamwork & Collaboration
Working well with cross-functional teams in international projects (developers, designers, QA team, etc.)