Hersi Kopani

Tirana, Albania
Senior Java Software Engineer

[LinkedIn](#) | [GitHub](#) |+355693026201|hersi.kopani@gmail.com|

PROFESSIONAL SUMMARY

Senior Java Software Engineer with 6+ years of experience building scalable, cloud-native applications and distributed systems. Proven expertise in microservices architecture, API development, performance tuning, and cloud deployments using Java (17/21), Spring Boot, AWS, and Azure. Adept in leading teams, driving DevOps automation, and mentoring engineers. Passionate about writing clean, maintainable code and delivering enterprise-grade solutions using Agile and CI/CD practices.

TECHNICAL SKILLS:

- Backend: Java v17/21, Spring Boot/Batch, Nodejs, Junit, Mockito, Selenium, Python
- Frameworks: Spring Boot, Spring Batch, JAX-RS, ReactJS, Angular Material
- Frontend: Angular Material, ReactJS
- Database: Mysql, Sql Server, PostgreSQL, CosmosDb, MongoDB
- Cloud: AWS, Azure, Service Bus, Function App,
- DevOps: Jenkins, Kubernetes, Redshift, Grafana, Docker, CI/CD

WORK EXPERIENCE

Walgreens Boot Alliance   **Remote Contract (ITA)**
Tech Leader | Java Software Engineer   **May 2023 – Present**

- Led and mentored a team of 4 engineers in developing scalable, cloud-native microservices with Spring Boot and JAX-RS.
- Designed and optimized RESTful APIs, improving system response time and cross-team integrations.
- Integrated Apache Kafka for real-time data streaming, enhancing system scalability and event-driven architecture.
- Established unit and integration testing pipelines using JUnit and Mockito, increasing code coverage and reliability.
- Facilitated agile ceremonies, code reviews, and architectural planning for continuous delivery and quality assurance.

Beder College University   **Part time (ALB)**
Assistant Lecturer   **October 2024 – Present**

- Instruct undergraduate courses in Software Engineering, Cloud Computing, and Advanced Web Development.
- Conduct lectures and lab sessions focused on Java, Spring Boot, data security, and modern web frameworks.

Volvo Group   **Remote Contract (Poland)**
Java Software Engineer   **December 2021 – April 2023**

- Delivered a modular tax computation system supporting 60+ countries, ensuring compliance and audit readiness.
- Optimized backend APIs and implemented rate-limiting strategies to boost system performance and reduce errors.
- •Collaborated with cross-functional teams on system design and DevOps integration for distributed manufacturing applications

MoreOne Technology   **Tirana, Albania**
Software Engineer   **April 2020 – November 2021**

- Automated electronic signature functionality for invoices on encrypted files using Node.js library, eliminating manual tasks previously performed by team.

- Merged the web application with Dynamics CRM using a webhook for data synchronization and database integrity, resulting in cost reduction and streamlining operations through a unified database solution.
- Engineered system failure handling mechanism using service bus, enhancing system reliability.

Division5   **Tirana, Albania**
Software Engineer   **October 2018 – March 2020**
- Developed RESTful services using JAX-RS on Spring Boot projects, improving legacy system functionalities.
- Create dashboard endpoints, data model and optimize query performance for store procedures.
- Craft endpoints with Spring Rest on Spring Boot projects using best practices.

VOLUNTEER EXPERIENCE

Women Coding Community   **Remote (UK)**
Mentor   **April 2023 – Present**
- Mentored aspiring women in tech through workshops, 1-on-1 sessions, and group learning activities.
- Facilitated discussions on career growth, technical skill development, and navigating industry challenges

EDUCATIONAL BACKGROUND

- **M.Sc. Information Security**
  University of Tirana, Faculty of Economy   2017-2019
- **B.Sc. Business Informatics**
  University of Tirana, Faculty of Economy   2014-2017

CERTIFICATION AND TRAININGS:

- **AWS Certified Cloud Practitioner** – *Amazon Web Services, 2025*
- **Terraform Certification** – *In Progress*
- **Agent AI Certification** – *In Progress*