NIKOLA RADOVANOVIĆ

IT Software Developer

Contact

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Certificates

Java Fundamentals Course
Oracle Academy

Java Programming Course
Oracle Academy

Introduction to Android programming
AppCrafters

DevOps Course with AWS
AppCrafters

English B2
ABC School

Skills

- Git,
- OOP,
- Java,
- C++,
- Spring Boot
- PostgreSQL,
- Design Patterns
- CI/CD
- Linux,
- Shell Scripting,
- Data Structures,
- Mockito
- Jenkins,
- SalesForce,
- Apex
- Database Design

Education

B.S in IT

University of Kragujevac
Faculty of Technical Sciences
2017- 2022

Work Experience

Software Developer

Gerniks D.O.O.
Jan. 2023 - Sep. 2024

- *Worked on a platform that simplified financial and administrative tasks for gym owners by connecting them with banks. Responsibilities included developing and maintaining the Spring Boot REST API, automating business processes, and occasionally contributing to the Angular frontend.*

Technologies: *Spring Boot, REST, Java, Jenkins, Angular*

Software Developer

Comtrade Solutions Engenering
Jan. 2022 - Sep. 2023

- Developed and maintained two Spring Boot REST-API applications, optimizing performance, ensuring robust database management, and enhancing security measures.
- Developed and Salesforce pages, proficiently collecting and processing customer data while implementing performance tests and monitors for enhanced functionality.

Technologies: *Spring Boot, REST, Java, Jenkins, Apex(SalesForce)*

C++ Developer Intern

AppCrafters
Mar. 2021 - Aug. 2021

- Developed a Java-based LinkedLists class in C++ from scratch. Engaged in an intensive internship focused on acquiring profound expertise in Object-Oriented Programming (OOP) through the C++ programming language, successfully applying acquired knowledge to various complex projects.

Technologies: *C, C++, OOP*

Projects

Backend for e-Market App

Built a secure backend for an e-market platform using Spring Boot and PostgreSQL. Implemented JWT-based login/registration, pagination with Pageable, and scheduled tasks using Quartz Jobs. App is modular and multi-layer architecture with decoupled authentication.

Technologies: *Spring Boot, REST, Java, JWT, Quartz*

CI/CD Project

Deployed an e-commerce web application initially deployed on the AWS platform, featuring a React frontend communicating with a Spring Boot backend and a PostgreSQL database.
Later migrated the project to a self-hosted environment using Coolify, where I containerized all services (frontend, backend, and database) with Docker.
Automated the deployment process using webhooks, enabling a streamlined CI/CD workflow, and set up separate development and production environments with distinct configurations.

Technologies: *AWS, Docker, Webhook, PostgreSQL, Coolify*

Dev Chat app

Developed a Spring Boot development chat app featuring websockets for real-time communication and SMTP integration (Simple Mail Transfer Protocol) for efficient email notifications. The application ensures a responsive user experience, scalability, and easy deployment.

Technologies: *Spring Boot, Java networking, Concurency programming, SMTP*

UCan

Spring Boot web application, empowers users with personalized daily quotes based on preferences and previous likes, facilitating goal tracking and task creation for effective progress monitoring.

Technologies: *Spring Boot, Java, REST*

Non-formal education

Training for Young Leaders
Leadership skills, implementation and development of youth peer education programs, planning skills, and reporting

Training for Peer Educators
Leadership skills, implementation of youth peer education programs