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SKILLS

- Java
- Kotlin
- Python
- MySQL
- PostgreSQL
- Firebase
- Spring Boot
- JUnit
- TypeScript
- JavaScript
- Next.js
- Angular
- HTML & CSS

TOOLS

- IDE

 - IntelliJ IDEA
 - Android Studio
 - VS Code
 - Jupyter IDE
 - PyCharm
 - Eclipse
- Databases

 - MySQL Workbench
 - pgAdmin
 - HeidiSQL
 - Firestore
 - APEX
- Testing

 - Postman
 - Mockito
- Version Control

 - Git
 - GitHub

EDUCATION

MSc Software and Information Engineering,
University Singidunum
2024 - present

Faculty of Informatics and Computing,
University Singidunum
2020 - 2024

LANGUAGE

- Serbian (Native)
- English (Passive)

PERSONAL CHARACTERISTICS

- Team player
- Motivated
- Honest
- A problem solver

INTERESTS

- Basketball, skiing, gastronomy, learning new technologies

LUKA RAKIĆ

MASTER'S STUDENT IN SOFTWARE ENGINEERING



Motivated and responsible team player with advanced knowledge of Java programming, Spring Framework, and MySQL. Possesses solid expertise in Android application development and experience working with REST.

PERSONAL PROJECTS

EXPERIENCE

- 2024:**
 - Currently developing full-stack applications using Spring for the backend and Next.js for the frontend, with a goal of further specialization in building complete solutions.
 - Developed a portfolio web application using the Next.js framework.
 - Successfully defended a thesis on the topic "Development of an Android application for travel planning with Firebase Firestore database integration."
 - Developed an Android application for travel planning using Kotlin, integrated with Firebase Firestore, a NoSQL database.
 - Created a server-side application for food ordering using Next.js, TypeScript, and React, aimed at improving the user experience.
 - Gained solid knowledge of PostgreSQL, focusing on relational database design and efficient management systems.
 - Completed an AI project for weather prediction using machine learning.
 - Completed certification in Oracle Database Design and Programming with SQL.
 - Participated in the ProggyBaggy competition and solved tasks on LeetCode and CodeWars, enhancing algorithmic skills.
 - Mastered the basics of Java software testing through practical work with the Mockito framework, improving the quality and reliability of software solutions.
 - Gained strong knowledge of Git, applying it for version control to enhance productivity and improve organization in software development.
- 2023:**
 - Developed an Angular application for a bookstore, improving JavaScript skills.
 - Mastered software development process models through practical projects and documented development procedures.
- 2022:**
 - Analyzed FIFA player statistics using Python in the Jupyter IDE.
 - Mastered relational databases and worked with the MySQL DBMS.
 - Applied aspect-oriented programming in Java by developing a Spring project for managing a football team with CRUD operations, using Postman for API testing and MySQL for database management.
 - Gained intermediate understanding of computer networks.
- 2021:**
 - Mastered key concepts of object-oriented programming in Java.
 - Learned the fundamentals of Java programming.
 - Developed websites using HTML/CSS and Bootstrap.
 - Acquired basic knowledge of JavaScript.

CERTIFICATION

- Oracle Database Design and Programming with SQL (2024)
- The Complete Android 14 & Kotlin Development Masterclass, Udemy (2024)
- Java 17 Masterclass, Udemy (2023)

REFERENCES

- Prof dr Mladen Veinović, Fac. of Informatics and Computing, Singidunum Univ.
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- Prof dr N. Bačanin Džakula, Fac. of Informatics and Computing, Singidunum Univ.
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