PROFILE

I am a programmer focusing on Java and Kotlin development and a current final-year student at the Racunarski fakultet master studies. I possess knowledge in software engineering with experience in developing Java applications. I am motivated to continuously learn and improve my skills to keep up with the latest technological trends and contribute effectively to projects. I have experience working on extra large projects.

Personal qualities:
Independent, analytical, and capable of teamwork. I have a quick learning ability and am motivated to solve challenges and continuously progress.

I have plenty of free time, not being fond of going out much, which makes me very dedicated to my work

Enthusiastic about cyber seccurity and learning how stuff works.

CONTACT

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PETAR STAMENIĆ

WORK EXPERIENCE

Software engineer at LotusFlare
2024-

EDUCATION

Faculty of Computing, Computer science
2020-2024
Elective courses related to backend, databases, mobile applications, and machine learning.
Faculty of Computing, Master of Software Engineering
2024-

PROJECTS (HIPERLINKED)

2021 – RuDok project: self-implemented PowerPoint-like application
2022 – SQL parser in Java
2022 – Parser in Jcup and Jflex for a new programming language using zero-width characters
2022 – API for handling files on Google Drive or local file system
2022 – **Microservices application in Java for parking service management**
2023 – **Mobile application for recipes and meal preparation**
2023 – Solving the Space Titanic problem in Python
2023 – **Creating a news portal in JavaEE and Vue**
2023 – **Developing a microservices application for managing vacuum cleaners in Java and Angular**
2023 – Using Kafka to load large amounts of data and extract statistics
2023 – Creating a data warehouse for a sheep farming enterprise
2024 – **Role as Project Manager, Backend Team Lead, Backend Developer on a project with 25 people implementing a bank with a stock exchange**
2024 – Thesis on implementing a database in a file system with dynamic route opening for entities in Spring based on JPA repository

SKILLS

- Java programming (Microservices, Web services, Backend, Spring)
- Kotlin programming (Mobile applications, Backend)
- SQL (working with databases and data warehouses)
- JavaScript/TypeScript (NodeJS, Vue, Angular)
- C/C++ (Operating systems)
- Python (Machine learning)
- Lua (working at LotusFlare)
- Database and data warehouse design
- Implementing algorithms
- Working with concurrent and distributed systems
- Working on Ubuntu / Debian Linux
- Writing commits in VIM
- Working with Docker and Docker Compose
- Working with Kubernetes / Graphana / Opensearch
- Working with IntelliJ/Eclipse/VSC
- Working with Git / Github Actions / Jira