

Bojan Ludajić

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Education

Faculty of Sciences, University of Novi Sad

BSc in Information Technologies

2022 – 2026

Experience

Software Engineering Intern | Sonrisa Technologies

April 2025 – Present

- Built the back end of a Retrieval-Augmented Generation (RAG) system in Django, designed for collaborative use.
- Enabled collaborative workspaces allowing users to share and access documents within a common environment.
- Developed secure user authentication and authorization using OAuth 2.0.
- Designed and implemented RESTful API endpoints to handle document retrieval, user sessions, and model queries.
- Structured and managed data using PostgreSQL, ensuring efficient storage and retrieval of indexed documents and metadata.

Projects

Polovni Automobili | Java, Kotlin, SpringBoot, MySQL, Redis

[GitHub link](#)

- Spring Boot car marketplace web app.
- Registered users can message other users, post new and browse existing listings, they can also save listings to their favorites list. Guest users can only browse the listings.
- Admins can delete listings and messages and can generate JasperReports for various listing statistics.
- Session persistence and rate limiting is handled by Redis. Users can submit between 10 and 50 requests per minute, depending on the service and functionality.
- A separate Kotlin Spring Boot RESTful API manages vehicle spare parts services, such as browsing parts based on model and part orders.

Compose Desktop Navigation Code Generator | Kotlin, Compose Desktop, KotlinPoet

[GitHub link](#)

- Desktop tool for creating navigation graph code with an intuitive user interface.
- Utilized Kotlin/Compose and KotlinPoet for automatic code generation, simplifying the process of transitioning from visual design to functional code.

Skills

Programming languages: Java, Kotlin, JavaScript, Python

Frameworks/libraires: Spring Boot, Jetpack Compose, Hibernate, Django, Swing

Database management: MySQL, Oracle, Redis

Tools: Git (GitHub, GitLab), Gradle/Maven, IntelliJ IDEA, Eclipse (EE), Android Studio, UML, Docker

Languages

Serbian: Native

English: Fluent

German: Intermediate