

Bojan Ludajić

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Education

Faculty of Sciences, University of Novi Sad

BSc in Information Technologies

2022 - 2026

Personal Projects

IP address storage program | *C* | [Link](#)

- C program for storing and viewing available IP addresses.
- Implemented a Trie data structure for efficient storage and prefix-based lookups of IPv4 addresses.
- Added support for CIDR (slash) notation, which enables subnet-based address search and retrieval.

Compose Desktop UI Code Generator | *Kotlin, Compose Desktop, KotlinPoet* | [Link](#)

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

Android Word Guessing App | *Kotlin, Jetpack Compose* | [Link](#)

- Dynamic native Android app inspired by Wordle created using Kotlin/Jetpack Compose.
- Implemented features include real-time word guessing, an on-screen keyboard, and a dark mode toggle to enhance user engagement and application functionality.

Property Management App | *Java, Hibernate, Swing* | [Link](#)

- Mini full-stack CRUD app made for university course - Databases 2.
- The application allows for the addition and deletion of owners and properties, with functionality for viewing property details associated with specific owners.

Skills

Programming: Java, Kotlin, Jetpack Compose, Hibernate, JavaFX

Database management: SQL, Oracle SQL, MySQL

Tools: Git, Gradle, IntelliJ Idea, Eclipse (EE), Android Studio, Visual Paradigm

Languages

Serbian - native

English - fluent

German - intermediate

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