

DINO BAJRAMOVIĆ



I'm a motivated software engineer passionate about computer science and digital technologies, focused on continuous learning and building practical, real-world experience.



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LANGUAGE

- Bosnian
- English
- German (basic)

CERTIFICATIONS

- Zira Talent Academy Certification 2025
- Google Developer Group attendee (2024, 2025)
- HP LIFE Data Science Certificate 2024
- SoftSkills 2024 attendee
- WordPress course 2023
- DevFest participant 2023
- Remix event attendee (2023, 2024)
- Intro to React by IT Academy 2022
- NEAR Development 101 course 2022

EDUCATION

Bachelor's Degree in Computer Science

University of Sarajevo, Faculty of Computer Science and Informatics (Bosnia and Herzegovina)

High School Diploma | Second Gymnasium Sarajevo (Bosnia and Herzegovina)

EXPERTISE

Technologies:

- Version Control (Git, GitHub, Bitbucket)
- Java, JavaFX, Spring Boot, Maven, Mockito
- C# (.NET Core)
- JavaScript (Express, Node.js, React, Next.js)
- HTML, CSS & Tailwind CSS
- SQL, MySQL, SQLite, MongoDB
- Python
- Shell scripting
- C/C++, Julia
- Wordpress

Theory and Principles:

- OOP, SOLID principles, design patterns
- Algorithms and Data Structures
- Artificial Intelligence: Classification, neural networks, agents, genetic algorithms, libraries: Pandas, Scikit-learn, TensorFlow, Pickle, etc.

Workflow and Other Skills:

- Zira Talent Academy Internship (9 months)
- Managed Google Ads campaigns
- Understanding Operating Systems
- Web and Desktop Development

Zira Talent Academy Project - A full-stack project built with Java (Spring Boot microservices) and Angular (TypeScript), developed collaboratively in an Agile workflow using Taiga task boards, GitLab branching, and daily mentor reviews. Work included implementing backend business logic (DAO, DTO, validations, mappers), writing REST APIs, creating modular Angular pages using ZIRA's internal UI framework (ZFF), and integrating frontend with backend through Gateway. The project simulated a FIFA-style platform featuring player pages, pack openings, squad building, and overall rating logic.

Library Software Project - A desktop app built with JavaFX using three-tier architecture and a DAO layer for managing book reservations. Admins can add books, members, reserve books, and manage a shopping cart for reservations.

News Summarizer NLP Project - Developed a NLP pipeline for summarizing 200 news articles (Buka.ba) using Python, including data extraction, JSON/CSV dataset generation, manual and AI-based summarization (ChatGPT, Gemini, Claude), and automated evaluation using ROUGE, BERTScore, Density, Coverage, and Compression metrics.

Real Estate Project - A full-stack web application built with Express.js and Next.js for managing real estate listings and sales. Users can browse properties, filter results, and manage listings seamlessly.

Software Verification and Validation Project - Software Verification and Validation Project — Worked on verifying and validating a C# application by applying black-box and white-box testing techniques, and developing unit tests using the xUnit framework to ensure functionality and code quality.

Movie Search App - A single-page movie search application built with React 19, Tailwind CSS for full responsiveness and easier style management, and Appwrite. Users can search for movies, view detailed information, and explore a Netflix-style top trending list based on their search activity. The app is deployed on Vercel.

Additional University Projects and Research Seminars - Including individual and team-based projects in software project management, information system design, business web systems (WordPress), and an SEO-optimized personal CV/portfolio website, along with various software development and research seminars. All projects are documented and available on GitHub.