



# ADIN VRBIĆ

SOFTWARE ENGINEER

Software Engineer with a multidisciplinary foundation in software engineering, economics, and graphic design. Experienced in web and mobile frontend development, with a strong grasp of modern UI/UX principles and frameworks like Angular and React. Proven ability to work across the full development lifecycle, including backend development with Python (Flask, FastAPI) and Java (Spring Boot). Demonstrated adaptability through internship and freelance roles, contributing to team projects and real-world applications. Passionate about writing clean, maintainable code, continuously expanding technical knowledge, and staying aligned with the latest industry practices.

## CONTACT

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<https://adin1201.github.io/MyPortfolio/>



Adin Vrbic



<https://github.com/Adin1201>

## CAREER SUMMARY

### UI/UX Designer - SaaSolution - *January 2023 to May 2025*

Translated complex product requirements into intuitive user flows, wireframes, and high-fidelity mockups using tools like Figma and Adobe XD. Designed and developed interactive prototypes to validate design concepts and gather early user feedback before implementation. Collaborated closely with frontend developers to ensure the seamless transition from design to production, integrating modern UI/UX principles with frameworks such as Angular and React. Advocated for user-centric design by actively participating in design reviews and usability testing to continuously enhance the overall user experience. Maintained a strong focus on creating clean, accessible, and responsive interfaces aligned with evolving user needs and business goals.

### Software Engineer - Systech d.o.o.

*May 2022 to August 2022*

Worked as a Frontend Developer on enterprise-level web applications using Angular, collaborating within a cross-functional team of ten. Contributed to the development and maintenance of Attendo, the company's internal system, and played a key role in implementing new features and resolving performance issues. Coordinated directly with the client, FoodNotify, ensuring their application remained stable, optimized, and aligned with evolving requirements. Gained valuable experience in integrating Angular frontend with Spring Boot backend services, enhancing understanding of full-stack workflows in real-world environments.

### Software Engineering Intern - GRM Digital

*Jan 2022 to April 2022*

Completed a full-stack internship as part of a five-member development team, contributing to the design and implementation of DatingApp, a feature-rich dating platform. Gained hands-on experience with Angular and .NET, working on core functionalities such as user profile creation, messaging, advanced filtering, and interaction features. Participated in Agile workflows, team meetings, and code reviews, enhancing both technical and collaboration skills. This internship provided a strong foundation in full-stack development, UI design patterns, and best practices for building responsive, user-centric applications.

### 1st Place Winner – Reconnect Hackathon - University of Zenica & Blandus

*Oct 14th to Oct 17th 2022*

Participated in a competitive 4-day hackathon focused on post-pandemic resocialization, organized by the University of Zenica and Blandus. Collaborated in a four-member team to design and develop a winning digital solution that addressed key social reintegration challenges. Outperformed ten other teams by delivering a well-rounded, innovative prototype combining functionality, user experience, and technical execution. This experience demonstrated strong teamwork, creative problem-solving, and the ability to deliver under tight deadlines.

## EDUCATION

### University "VITEZ" Travnik

*Bachelor's Degree in Information Technology*

4-year study program focused on software engineering, systems design, and application development.

### University of Zenica

*Software Engineering*

Completed 3 years of coursework with a strong emphasis on programming, algorithms, and system architecture.

### High School of Economics & Finance – MSŠ Busovača

*Technical Diploma in Economics and Banking*

Gained foundational knowledge in finance, business operations, and economic principles, with early exposure to graphic design and applied computing.

## TECHNICAL SKILLS

**Programming Languages** - Python, JavaScript, TypeScript, Java, C#, SQL

**Frontend Development** - Angular, React, HTML5, CSS3, Responsive Design, UI/UX Principles

**Backend Development** - Python (Flask, FastAPI), Node.js, Spring Boot, ASP.NET, RESTful API Development

**AI & Machine Learning** - TensorFlow, PyTorch, scikit-learn, OpenCV, Natural Language Processing (NLP), Model Evaluation & Optimization

**Databases** - MySQL, SQL Server, MongoDB (NoSQL)

**Testing & Debugging** - Unit Testing, Integration Testing, Automated Testing, AI Model Testing, Debugging, Cross-browser Compatibility

**Tools & Platforms** - Git, Docker, Jupyter Notebook, Selenium, Postman, Visual Studio Code, GitHub

**Design & Prototyping** - Figma, Adobe XD, Adobe Illustrator, Adobe Photoshop, Wireframing, Prototyping, User Testing

**Project & Workflow Management** - Agile, Scrum, JIRA, Kanban, Shortcut, Phabricator

**Additional Competencies** - System Maintenance, Network Administration, Embedded Systems, IoT Fundamentals, Code Reviews, Performance Optimization

## OTHER COMPETENCIES

Project Management: Agile Scrum, JIRA, Phabricator, Shortcut, Kanban, Project Lifecycle Management  
Software Architecture: Algorithms and Data Structures, Android Design  
Tools: Wireframing, Prototyping, User Testing, Adobe Photoshop, Figma, Adobe Illustrator, Inkscape, Gimp, Adobe XD  
Hardware: Electronics and Hardware Architecture, IoT Fundamentals, Embedded Systems  
Data Management: Data Security, Client-Side Validation, RESTful API Design  
Collaboration: Cross-Functional Teamwork, Remote Collaboration, Code Reviews  
Quality Assurance: Unit Testing, Automated Testing, Debugging, Performance Optimization

## LANGUAGES

**English:** CEFR Level B2

**Bosnian:** Native Speaker (Mother Tongue)