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

Kiseljak, BiH +387 61

720 616

adin.vrbic@gmail.com

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

Adin Vrbic

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)