Fabjan Vučina
Zagreb, Croatia

fabjanvucina@gmail.com
+385 98 784 742
github.com/fabjanvucina
linkedin.com/in/fabjanvucina

WORK EXPERIENCE

Codeanywhere, inc.
Software Developer

May 2021 –

- Played a significant role in the iterative frontend development of a new user dashboard in React and TypeScript, showcasing the ability to take ownership of key product components and the expertise to develop a production-ready app used by thousands of users, while also learning how to effectively communicate and coordinate with team members to achieve project goals

PROJECTS

Unlock the World

Oct 2022 –

- Developed a full-stack web application for tracking visited countries and cities as the final project for my master's degree, using React with Material UI on the frontend and Nest with PostgreSQL and MongoDB on the backend
- Studied the microservises architecture and designed the backend as a set of independent services to ensure loose coupling and scalability of the application *(the services will be containerized with Docker and orchestrated with Kubernetes by the end of the project)*

Send

Jan 2022 – Dec 2022

- Developed a web application for comparing cryptocurrencies using Next, and leveraged its built-in capabilities for server-side rendering and static site generation, which significantly improved scalability and SEO performance
- Gained valuable experience in implementing SEO best practices, working with external APIs, and utilizing data-fetching libraries such as React Query and Redis for efficient frontend data management.

Spizoteka

Mar 2021 – Jun 2021

- Developed a full-stack web application for sharing cooking recipes as the final project for my bachelor's degree using PostgreSQL, Express, React and Node
- Prioritized creating a professional-looking responsive UI, dedicating a significant portion of time and effort to mastering CSS concepts and techniques

HGSStracks

Oct 2020 – Jan 2021

- Successfully led a project team for a *Software Engineering* course assignment, overseeing all aspects of the project, including planning, coordination, and execution, while keeping track with the agreed-upon timeline
- Independently developed the backend of the web application, designing the database architecture and creating a RESTful API in Node and Express

Crobasket

Jun 2020 – Sep 2020

- Developed a web application for organizing pickup basketball games, with the intent of gaining hands-on experience in React and Git, while also improving my problem-solving skills by troubleshooting and overcoming new challenges
- Utilized Cloud Firestore as a document-oriented database to efficiently store and retrieve data, and leveraged its built-in authentication and security features to preserve the confidentiality and integrity of the database

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia

Master's degree in Computer Science   Sep 2021 –

- City of Split stipendist for two consecutive years
- Notable courses:
    - Advanced Web Software Development
    - Machine Learning
    - Deep Learning

Bachelor's degree in Computing   Sep 2018 – Jul 2021

- STEM stipendist for three consecutive years
- Notable courses:
    - Software Engineering
    - Databases
    - Web Software Development
    - Object Oriented Programming
    - Algorithms and Data Structures
    - Advanced Java (prof. Marko Čupić)