Nikola Jovanović

Personal

Name
Nikola Jovanović

Email
nikola.jov1912@gmail.com

Website
nikolajovanovic.dev

GitHub
github.com/nikola1912

LinkedIn
linkedin.com/in/nikola1912

Languages

Serbian	Native
English	Fluent

Interests

Programming
Reading
Music
Movies
Video Games
Table Tennis

With over five years of hands-on experience, I specialize in designing, developing, testing, and maintaining web applications. Leveraging modern technologies and up-to-date design practices, I create scalable and efficient solutions that meet diverse client needs.

My expertise spans fullstack development, emphasizing both frontend and backend development, as well as DevOps and infrastructure engineering. Committed to continuous learning and improvement, I consistently deliver high-quality code and innovative solutions.

Experience

Software Engineer — September 2022 - Present
3ap · Belgrade, Serbia

- Developed an internal back-office application for managing employee data, company knowledgebase, events, and service uptime monitoring.
- Digitalized the internal offer creation process for a university client based in Zürich.
- Collaborated on a team developing a React Native application for a Swiss insurance company. Implemented features such as fitness tracker integration, gamification, Prismic and custom admin CMS, and authentication with Azure AD B2C. Supported backend development for a microservice-based Java Spring application.
- Developed an internal business simulation game using React Native and Firebase services to help employees better understand the process of running an IT company.

Software Engineer — April 2022 - August 2022
Celsius Network · Belgrade, Serbia

- Developed a back-office dashboard app for a crypto staking application, enabling the tracking of various crypto statistics and parameters.
- Built a React-based application for company partners and admins to adjust crypto staking settings and monitor user statistics and usage data.
- Implemented a NestJS-based backend running a GraphQL API for a PostgreSQL database deployed on AWS RDS.
- Created a documentation website using Next.js and Strapi CMS for various APIs and SDKs provided by the company.

Frontend Developer — February 2021 - April 2022
Quanterix · Boston, Massachusetts

- Collaborated as part of the Montecha team in a multinational company environment.
- Worked on various projects, contributing to and supporting the advancement of research on various biomarker detection products and laboratory machines and devices.
- Gained exposure to large-scale SCRUM multi-project management.
- Applied microservice concepts to the frontend using the microfrontend framework Single SPA.
- Developed a large React application with technologies such as TypeScript, Redux, and React Query.
- Created a company-wide component library and frontend development kit using React, Rollup, and Material UI components and theming.

Fullstack Developer — April 2020 - April 2022
Montecha · Belgrade, Serbia

- Collaborated in a Kanban-oriented team to create multiple JAMstack applications.
- Developed various React applications using Next.js, employing server-side rendering and static site generation.
- Wrote unit, integration, and end-to-end tests using Jest and Cypress.io.
- Built a backend with a GraphQL API on a Fastify server, implementing microservices with AWS Lambda functions that interact with AWS services such as S3, SQS, SES, and RDS.
- Designed and managed a PostgreSQL database using raw SQL queries, hosted on AWS RDS, and handled database migrations and seeding through AWS Lambda functions.
- Implemented authentication and authorization for an admin dashboard application using Auth0.
- Developed a fully functional, multi-environment, serverless AWS infrastructure using the Serverless Framework.
- Set up a CI/CD pipeline with GitHub Actions utilizing AWS CLI.

Skills

Frontend

JavaScript · TypeScript · React · Angular · Svelte · React Native · Next.js · Remix · Redux · MobX · React Query · Material UI · Chakra UI · Tailwind CSS · Jest · React Testing Library · Cypress.io · Detox · Storybook · Prismic · Strapi · Single SPA

Backend

Node.js · Python · Java · Rust · Express.js · NestJS · Fastify · FastAPI · Spring · PostgreSQL · MySQL · GraphQL · Firebase · Supabase · AWS · Microsoft Azure · Docker · Serverless Framework · Pulumi · AWS CDK