AE

Aleksa Elezović



Software Developer

Belgrade, Serbia hello@aleksaelezovic.com LinkedIn

I build all sorts of software, mostly full-stack web applications.

I graduated from a high school focused on programming and computer science. My studies covered mathematics, object-oriented programming (C#), databases (SQL), web development (HTML, JavaScript, CSS), logic programming (Prolog), and algorithms.

I started working in software development while continuing to learn through books and online courses.

Work Experience

Bloxico

2026 — Present

Highway Bridge SDK

2026

Software Developer

Developed a TypeScript SDK for Highway Bridge that unifies multiple on-chain implementations behind a single interface. Automated code generation from upstream Solidity and Rust contract build artifacts. Built with Papi (polkadot-api), viem, and @solana/kit, using Vite+ for repository tooling.

https://highway.space/

TypeScript · Blockchain · Papi · viem · @solana/kit · Vite+

Highway Fee Estimation Service

2026

Software Developer

Set up a multi-service NestJS repository and developed a service to estimate gas fees for cross-chain execution without contract simulation. Combined RPC data, pricing feeds, and calculations to estimate execution costs in the destination chain's native currency and USD.

https://highway.space/

NestJS · Blockchain

Aleksa Elezović PR

2025 — Present

Naruči Taxi

2026–Present

Web Developer & SEO

Built and maintain a website for a Belgrade taxi service offering airport transfers and intercity transport, using Nuxt.js and Nuxt CMS with AI-assisted development. The site includes dedicated service and destination pages, airport fare information, and a ride enquiry form with direct WhatsApp contact.

Focused on fast loading and search engine optimization, and created Google Search ad campaigns to promote the service. The website has attracted substantial organic traffic.

https://www.narucitaxi.rs/

Nuxt.js · Nuxt CMS · SEO · Google Ads

Edge Node 2.0 — 2025

Full-stack Developer

Worked on a new version of OriginTrail's Edge Node with mobile support and compatibility with AI agents through the Model Context Protocol (MCP).

The project consists of an Expo multi-platform application and a backend MCP server with OAuth 2.1 support. A plugin system exposes custom MCP tools and Express.js API routes. The React chat interface proxies requests to the selected language model.

The framework supports custom chatbot agents and integration with other MCP-compatible clients.

Expo · React Native · MCP · AI Agents · Node.js · Turborepo

TraceLabs LLC (OriginTrail) — 2024 — 2025

DKG Staking V8 — 2025

Frontend Developer

Rebuilt the staking interface for OriginTrail DKG V8 using TypeScript, the Vue 3 Composition API, and Web3 libraries including Wagmi and viem.

https://staking.origintrail.io/

Vue.js · Blockchain · Wagmi · Smart contracts · Web3

Edge Node 1.0 — 2024

Full-stack Developer

OriginTrail's DKG Edge Node is an open-source platform for building decentralized AI applications. It includes backend services and a frontend interface for uploading documents, transforming them into RDF knowledge stored in the Decentralized Knowledge Graph (DKG), and querying the data through an AI chat interface.

I also worked on implementations of the platform for third-party companies affiliated with OriginTrail.

Vue.js · Node.js · dRAG · RDF · Knowledge Graphs

Infinity Byte D.O.O. — 2024 — 2025

Agenda — 2024

Frontend Developer

An appointment scheduling system for hairdressers and beauty salons. Users can browse local salons, view services, prices, and images, and book an appointment for their preferred date and time. Built as a multi-platform application using Vue.js, the Quasar framework, and Capacitor.

https://mojaagenda.com/

Vue.js · Quasar framework · Capacitor

Sitto.ch, Monitoring Tool — 2024

Full-stack Developer

Built an event-driven payment monitoring system for Sitto, a Swiss payment solutions provider, with configurable alerts and an internal dashboard.

The system uses .NET Aspire, Kafka, React, and PostgreSQL to process payment events and send email alerts. It is deployed to Kubernetes using the Aspirate CLI.

.NET Core · React · Kubernetes · .NET Aspire · Kafka · Postgres

Aleksa Elezović PR

2021 — Present

Maestral Mobilier, Website (Rewrite)

2024

Full-stack Developer

Rebuilt the website in C# and .NET, using Piranha CMS for content management, Blazor for the frontend, and Microsoft SQL Server for the database.

.NET Core · Blazor · PiranhaCMS · MSSQL

DžentImen Transport

2023

Backend, Cloud Developer & Software Architect

A taxi service app for a local taxi service provider. Users can sign in, check ride prices and details, order a ride, and pay with a saved card. Besides two Flutter applications (for clients and drivers), there is a Next.js admin dashboard for seeing a map with drivers, calculating salaries, and more. The backend consists of multiple Firebase Cloud Functions using a Firestore database for real-time communication with the applications.

Firebase · Cloud Functions · Google Maps API · WSPay · Next.js

RGZ Info Centar

2023

Frontend Developer

The Republic Geodetic Authority of the Republic of Serbia decided to digitize its services to handle the volume of citizens' complaints, questions, support tickets, and requests. I made the main website where citizens can check their case status and whether tax is paid, query a contacts database of lawyers and geodetic companies, send emails via a contact form, use live chat, and schedule an appointment at a local office. I also helped maintain legacy code written in older versions of .NET (backend) and jQuery (frontend).

https://info-centar.rgz.gov.rs/

React · Next.js · Vanilla JavaScript · Legacy · .NET

Maestral Mobilier, Website

2022

Full-stack Developer

Developed a website for a local interior company, with a project gallery, company information, and a contact form. Built an admin interface for managing gallery projects and images. The backend uses Laravel and MySQL on Apache/PHP shared hosting.

React · Next.js · PHP · Laravel · MySQL

Automobile.at

2022

Frontend Developer

Rebuilt the website's frontend using React and Next.js to update its look and feel.

I no longer maintain this project.

https://automobile.at/

React · Next.js

Bodhi Medical, Appointments System

2022

Frontend Developer

Built two Next.js frontend applications for Bodhi Clinic's existing appointment system, integrating with its APIs.

Appointment Scheduling — a public application where patients can search for available times using real-time filters, enter their details, sign a form, and pay through Stripe.

Appointment Dashboard — an internal calendar application for doctors to manage availability, working hours, visit types, and booked appointments.

Appointment Scheduling

https://www.mybodhi.com/

React · Next.js · Stripe

Trasa

2021

Full-stack Developer

Built an in-house desktop application for a local transportation company using Angular, Firebase, and Electron. It generates invoices and manages trip, employee, and vehicle records.

Angular · Firebase · Electron

Skills

Web (HTML, JS, CSS)

React, Next.js, React Native

Node.js, Bun

C# .NET Core

SQL, Postgres, MongoDB

Git, Docker, Kubernetes

Firebase, Google Cloud

Flutter (worked with)

Education

Computing Grammar School, Belgrade 2015–2019

School of Computing, UNION, Belgrade 2019–2020