

Nikola Joksimovic

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, SQL

Frameworks/Libraries: React, React Native, Next.js, Expo, Express.js, Hono, Electron

Databases: PostgreSQL, SQLite, SQL Server, MongoDB

Tools: Git, Node.js, Vite, REST APIs, Drizzle ORM, Prisma ORM, TanStack Query, TanStack Router, Better Auth, Tailwind CSS, Zod, Supabase, Vercel, WebSockets, Power BI

WORK EXPERIENCE

Software Developer

May 2024 – Present

Statistical Office of the Republic of Serbia

Zrenjanin, Serbia

- Built a desktop app using Electron.js and JavaScript to automate official form generation and printing, reducing manual workload.
- Built a full-stack VB.NET web application used by government institutions to input and manage investment project data, storing submissions in an SQL Server database.
- Built a full-stack VB.NET web app that generates dynamic 15-sheet Excel workbooks (10-70 rows, 15-30 columns each, varying by month/quarter) for government investment projects, replacing a multi-hour weekly manual process.
- Designed and implemented interactive Power BI dashboards to visualize key statistical data.

PROJECTS

TechJobWatch | *React, Next.js, TypeScript, PostgreSQL, Cheerio, GitHub Actions, Neon*

- Wrote scrapers for three job boards using Cheerio, with rate-limiting between requests.
- Modeled the PostgreSQL database with Drizzle ORM on Neon. Same posting appearing on multiple boards is stored once, postings that go offline get soft-expired, and anything older than 6 months gets cleaned up weekly.
- Dashboard built with Next.js 16 App Router and Server Components with URL-driven filters (source, seniority, remote, free-text) and server-side pagination.
- Users can sign in with GitHub via Better Auth and save, track, or hide jobs with personal notes, all stored per-user in a separate table that tracks status changes and when they applied.
- Repository: github.com/Joksa132/tech-job-watch

HyperDocs | *React, Vite, Hono, TypeScript, PostgreSQL, TanStack Query/Router, WebSockets, OpenAI API*

- Developed a full-stack collaborative document editor supporting real-time multi-user editing using Yjs and Hocuspocus WebSocket server for synchronization across clients.
- Built a text editor with Tiptap featuring a custom formatting toolbar with headings, lists, code blocks, text colors, highlight colors, font selection, alignment options, and links.
- Implemented live collaboration features including real-time presence indicators showing active users and typing status.
- Integrated OpenAI API for document summarization and writing suggestions.
- Developed document sharing system with public link generation, email invitations, and role-based access control (owner/editor/viewer permissions) with Better Auth OAuth authentication (Google, GitHub, Facebook).
- Repository: github.com/Joksa132/hyper-docs

Nutrition Track | *React Native, Expo, TypeScript, SQLite, TanStack Query*

- Developed a mobile nutrition tracking app with real-time barcode scanning.
- Integrated OpenFoodFacts REST API for comprehensive food database search.
- Built personalized nutrition goal calculator using BMR and TDEE formulas based on user profile, with color-coded visual progress indicators comparing daily intake against recommended ranges.
- Implemented offline-first architecture with SQLite database and reusable meal templates for quick entry.
- Repository: github.com/Joksa132/nutrition-track

EDUCATION

Bachelor with Honours in Information Technologies

University of Novi Sad, Technical Faculty "Mihajlo Pupin"

2018 – 2022

Zrenjanin, Serbia