

Nikola Joksimovic

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, SQL, C#

Frontend: React, React Native, Next.js, Expo, Tailwind CSS

Backend: Node.js, Express.js, Hono, Electron, REST APIs, WebSockets

Databases: PostgreSQL, MongoDB, SQLite, SQL Server

Tools: Git, Vite, Drizzle ORM, Prisma ORM, TanStack Query, TanStack Router, Zod, Supabase, Vercel, Power BI

WORK EXPERIENCE

Software Developer

Statistical Office of the Republic of Serbia

May 2024 – Present

Zrenjanin, Serbia

- Developed a desktop application using Electron.js and JavaScript to automate official form generation and printing, reducing manual workload and increasing efficiency.
- Built and maintained a full-stack web application using VB.NET and SQL Server that generates dynamic, multi-sheet Excel reports for government investment projects, automating tasks that previously required hours of manual work.
- Designed and implemented interactive Power BI dashboards to visualize key statistical data.
- Maintained internal network infrastructure and resolved hardware, software, and system issues across Windows environments.

PROJECTS

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 feature-rich text editor with Tiptap featuring 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 GPT API for AI-powered document summarization and intelligent writing assistance features.
- 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).
- Designed PostgreSQL database schema using Drizzle ORM for documents, members, comments, and starred items.
- Repository: github.com/Joksa132/hyper-docs

The Outfit Aura | *React, Next.js, TypeScript, Supabase, Tailwind CSS, Vercel AI SDK*

- Built an e-commerce fashion web application with dynamic product catalog, category filtering, product search, product variants (colors/sizes), image galleries, shopping cart, and wishlist.
- Optimized performance using React Server Components for data fetching and static generation for product pages.
- Implemented user authentication with NextAuth and Supabase, supporting OAuth login with Google and GitHub.
- Integrated AI-powered styling assistant using Google Gemini via Vercel AI SDK providing personalized outfit recommendations.
- Repository: github.com/Joksa132/the-outfit-aura

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