

Nikola Joksimovic

nikolajoksimovic419@gmail.com | github.com/Joksa132 | joksa.dev

TECHNICAL SKILLS

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

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

Databases: PostgreSQL, MongoDB, SQLite, SQL Server

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

WORK EXPERIENCE

Software Developer <i>Statistical Office of the Republic of Serbia</i>	May 2024 – Present Zrenjanin, Serbia
<ul style="list-style-type: none">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