

David Kalina

Full Stack Developer

Email: davidkalina@proton.me | Phone: 385-225-6102 | Address: 1270 W 1130 S, Orem, UT 84058

Professional Summary

Innovative and detail-oriented Full Stack Developer with over four years of experience designing and deploying scalable web applications and AI-driven solutions. Skilled in bridging user-centric design with advanced technical capabilities to deliver impactful, cutting-edge products. Adept at fostering collaboration, mentoring teams, and driving innovation to ensure project success.

Core Competencies

- **Frontend Development:** React, React Native, Next.js, TypeScript, CSS, HTML
- **Backend Development:** Node.js, API Integration, SQL, Supabase
- **DevOps & Real-Time Systems:** Docker, WebSocket, Distributed Systems
- **AI & Data Visualization:** OpenAI Integration, D3.js
- **Tools & Frameworks:** Firebase, Git, WordPress

Professional Experience

Full Stack Developer

ProStrategix Web Development – REMOTE

09/2024 – Present

- Designed and implemented a scalable web content analysis pipeline for Kent State University's OEOC, integrating AI-driven insights to modernize web infrastructure.
- Built a real-time monitoring dashboard using React, WebSocket, and D3.js, improving visibility into system health and processing metrics across distributed services.
- Developed an AI-powered content optimization tool using OpenAI's GPT-4, enabling personalized educational content categorization and enhancing user engagement workflows.
- Engineered a modular database architecture with Supabase, streamlining data management and integration for seamless workflows.

Full Stack Developer

K-Optional Software – REMOTE

05/2022 – 06/2024

- Transformed complex UI/UX designs into responsive, maintainable React components, leading to positive user feedback and improved satisfaction scores.

- Created a real-time Notification Center with Firebase and TypeScript, boosting user engagement and retention; the feature was highlighted on Twitter and in the company newsletter.
- Designed and launched Alfaphox/Revive Ratings, a white-label review management tool, contributing to a product sale valued at over \$400,000.
- Mentored junior developers and conducted dozens of technical and behavioral interviews, building a collaborative, high-performing development team.
- Delivered a Progressive Web App (PWA) for Maxwell Pipeline Services, streamlining operations and achieving several thousand monthly uses, underscoring its value to end users.

Full Stack Developer

Samba Scientific – Longmont, CO
03/2020 – 03/2021

- Automated email distribution processes using the SendGrid API, reducing processing time from 4–5 hours to 20–30 minutes and freeing up resources for strategic initiatives.
- Built a Python-based system to automate job board postings, optimizing response times to under five minutes and improving operational efficiency.
- Designed client-facing landing pages with interactive, data-driven graphics using D3.js, enhancing engagement and supporting successful marketing campaigns.

Education

General Assembly – Denver, CO
Software Engineering Certificate
11/2019 – 02/2020

- Completed an intensive 500-hour program in Full Stack Web Development, mastering foundational and advanced software development concepts.

Key Strengths

- Strong problem-solving and analytical abilities
- Advanced technical proficiency in both frontend and backend technologies
- Exceptional communication and teamwork skills
- Leadership in mentoring and guiding development teams
- Intuitive design sense for user-focused applications