

SUMMARY

Highly motivated Full Stack Developer leveraging AI tools and state-of-the-art technologies to build efficient, maintainable, and scalable web applications. Adept at turning complex client requirements into impactful solutions with exceptional speed and precision. Known for rapid MVP delivery, AI-driven problem-solving, and proactive quality assurance practices.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, HTML5, CSS3
- **Frameworks/Libraries:** React, Next.js, Node.js, Flask
- **Databases:** Supabase (PostgreSQL)
- **AI/ML Expertise:** AI-augmented development workflows, task management systems, and ML model integration planning
- **DevOps & Tools:** Git, Vercel (CI/CD), Docker, NPM, Windows PowerShell
- **Quality Assurance:** Linters, bundle analyzers, and debugging techniques to prevent redundancy, maintain modularity, and ensure scalability
- **Additional Expertise:** Rapid prototyping, API integration, technical troubleshooting, SEO optimization, scalable architecture

TECHNICAL PROJECTS

AudioSphere – Web-based Music Player & Visualizer

- **Tech Stack:** Next.js, TypeScript, Tone.js, HTML Canvas
- **Links:** [Live Demo](#), [GitHub](#)
- Built and deployed a dynamic music player and audio visualizer in under 24 hours.
- Implemented real-time audio spectrum visualization with Tone.js and dynamic playlist management.
- Enhanced the HTML Canvas rendering using an advanced Butterchurn visualizer core.
- Configured seamless CI/CD deployment with Vercel.

Service Business MVP

- **Tech Stack:** TypeScript, Next.js, Supabase, Vercel
- **Link:** [Live Demo](#)
- Delivered a full-stack MVP in under 48 hours, surpassing the original 4–6 week estimate.
- Developed key features including a service area zip code validator, lead capture form, and automated email notification system.
- Integrated a Supabase database for storing qualified leads and foundational SEO principles for marketing optimization.
- Designed for scalability, with plans for AI-driven SEO and ML-based lead scoring.

Canopy-UI and Deco Glass-UI – Theme Frameworks

- **Tech Stack:** JavaScript, HTML, CSS
- **Links:** [Canopy UI Demo](#), [Deco Glass UI Demo](#)
- Developed modular UI components for scalable front-end designs.
- Prioritized simplicity, responsiveness, and usability to deliver polished interfaces.

PROFESSIONAL EXPERIENCE

Strategic Systems

- **Role:** Computer Field Technician
- **Dates:** March 10, 2023 - Present (Contract - Project Based)
- Provided on-site technical support, including hardware setup, software installation, and system reimaging for laptops.
- Developed strong troubleshooting and problem-solving skills in diverse technical environments.

EDUCATION

- **Thomas Jefferson Classical Academy**, Mooresboro, NC - Graduated 2007