

MICHAEL FLANAGAN

Frontend Developer

Oklahoma City, OK | mflanagan7@gmail.com | github.com/MFlanagan7 | linkedin.com/in/michael-flanagan | michaelflanagan.dev | infocard.ai/~MFlanagan7

PROFESSIONAL SUMMARY

Mid-level frontend developer with 2.5 years building responsive, performant web applications using JavaScript, HTML, CSS, and HubL templating. Proven track record delivering large-scale projects including a 250+ page enterprise website redesign as the sole developer, with 20+ reusable custom modules and RESTful API integrations. Strong proficiency in vanilla JavaScript, modern CSS, and AI-assisted development workflows using Claude Code and Claude to accelerate scaffolding, debugging, and code review.

TECHNICAL SKILLS

Languages & Core: JavaScript (ES6+), HTML5, CSS3, HubL

AI Tooling: Claude, Claude Code, Claude Design, ChatGPT, OpenAI API, Perplexity, AI-assisted development, prompt engineering

Familiar With: React, TypeScript, Tailwind CSS, Next.js, PHP, SQL

Tools & Platforms: Git, HubSpot CMS, WordPress, MySQL, Node.js, npm, Webpack, Vite, Browser DevTools

Development Practices: Responsive Design, Web Performance Optimization, RESTful APIs, Cross-browser Compatibility, Mobile-first Development, Accessibility (ARIA), SEO Optimization, Web Standards (W3C)

PROFESSIONAL EXPERIENCE

Frontend Developer

Credit Union (\$1.5B Assets, 230+ Employees) | Oklahoma City, OK | October 2023 – Present

- Led complete website redesign and migration project as sole developer, consolidating 250+ legacy pages into an optimized 150-page structure with improved URL architecture and user experience.
- Architected and developed 20+ reusable custom modules and 3 custom templates using HTML, CSS, JavaScript, and HubL templating language, leveraging **Claude and Claude Code** to accelerate scaffolding, refactoring, and code review.
- Currently developing a RESTful API integration with a third-party mortgage rate provider to enable real-time rate display, including the custom UI components and data-handling logic on the frontend.
- Developed a CRUD application for HubDB data management, enabling non-technical team members to update website content efficiently.
- Optimized website performance through image optimization, code minification, lazy loading, and render pipeline improvements.
- Integrated **AI-assisted development** into daily workflow (HubL, JavaScript, debugging, code review), reducing time-to-ship on new modules and improving code maintainability through faster iteration cycles.
- Implemented analytics tracking and reviewed weekly and monthly performance reports analyzing user behavior, conversion rates, and site performance metrics.
- Established development workflows, Git version control practices, and technical documentation to improve team efficiency and code maintainability.
- Serve as technical administrator for the enterprise HubSpot CMS platform, owning configuration, marketing automation, analytics, SEO, and security.

Software Support Analyst

MBS Textbooks | Remote | June 2022 – October 2023

- Supported 5,000+ end users across 800+ Barnes & Noble campus bookstore locations nationwide, resolving hardware and software issues for 20+ applications.
- Developed an internal knowledge base application using vanilla JavaScript, HTML, and CSS as a single-file solution under infrastructure constraints, improving team response time and consistency.
- Performed network troubleshooting and Microsoft systems administration, handling escalated technical issues.

EDUCATION

Bachelor of Science, Computer Science (In Progress)

University of Central Oklahoma | 2020 – 2023 | Honors Program, Dean's Honors List

Completed coursework while working full-time.

Associate of Science, Computer Science

Oklahoma City Community College | 2017 – 2020 | Honors Program

CERTIFICATIONS

- HubSpot CMS for Developers II (September 2024)
- HubSpot CMS for Developers (March 2024)
- Google Analytics IQ (August 2023)