David Irvine

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GitHub • LinkedIn • Portfolio • UK Based

Web Developer

Web developer specializing in AI-accelerated application development through Model Context Protocol integrations. Builds production-ready applications with modern, animated interfaces that balance visual polish with performance - transforming complex Figma designs into functional experiences while maintaining clean, maintainable code.

Leverages MCP server workflows to compress development timelines from weeks to days, delivering full-featured solutions without sacrificing quality. Thrives in fast-paced, collaborative environments where technical velocity and design execution determine success.

Technical Proficiencies

Frameworks: Next.js, Express.js | Libraries: React | Languages: JavaScript, Typescript

Front-End: SASS, Tailwind CSS, Webpack, Framer-Motion, GSAP | Back-End: Node.js, PHP | Databases: MongoDB, Firebase

Development Tools: Git/GitHub, Postman, Figma | Testing: Jest, Playwright | AI: Claude Code + MCP

Platforms: Framer, Webflow, WordPress, Shopify, HubSpot, Storyblok | SEO: Screaming Frog, Semrush

Professional Experience

StudioEast, London, UK   October 2023 — November 2025

Web Developer (remote)

Transformed agency development workflows and accelerated project delivery timelines while building diverse web solutions for businesses and e-commerce clients across WordPress, Shopify and modern JavaScript frameworks.

- Developed and standardized an AI-accelerated development workflow using Claude Code with custom MCP server integrations - connecting Figma for automated design-to-code conversion into React/Next.js components, Chrome DevTools for real-time debugging and error tracing, and Playwright for automated user testing.

- Reduced standard business site builds from weeks to days using this workflow while maintaining delivery of full-featured solutions including custom email server API integrations, modern animations, and sophisticated page structures across high volumes of client projects.

- Built custom API integrations with Node.js and Express to connect CMS systems with front-end applications, creating reusable

components and maintaining unified codebases that standardized development workflows across various platforms.

- Built a reusable web animation library using Framer Motion and GSAP, cataloging complex scroll-triggered, parallax, and interactive animations alongside foundational UI interactions. Enabled designers to select animations from a standardized system and allowed developers to rapidly implement consistent, sophisticated motion design across client projects.

- Strategically selected technology stacks to match business requirements and accelerate delivery - choosing Webflow for marketing autonomy, React/Next.js for complex applications, and WordPress for budget-conscious builds. Rescued failing projects through strategic technology pivots while maintaining and modernizing legacy systems.

- Established comprehensive QA and optimization workflows across all client projects - conducting technical SEO audits with Screaming Frog, accessibility testing with Silk Tide screen reader, performance optimization via Lighthouse, and cross-browser compatibility validation through BrowserStack to ensure sites met modern web standards for search visibility, usability, and speed.

Freelance Web Developer   January 2022 – October 2023

Developed and maintained web solutions for freelance clients across e-commerce and business website projects, working with WordPress, Shopify, React, and Next.js to deliver functional applications.

- Completed 20+ projects maintaining and enhancing existing sites while implementing Figma designs and delivering updates across diverse client requirements.
- Collaborated with store owners, designers, and copywriters to heavily customize Shopify themes, translating design requirements into functional e-commerce solutions that met specific business needs and brand guidelines.

Education

Postgraduate Certificate in Education (PGCE) | 2018

Nottingham University, Nottingham, UK

Bachelor of Science in Multimedia Engineering (Hons) | 2012

Glasgow Caledonian University, Glasgow, UK

Certifications

IBM Prompt Engineering | 2025

Technical Writer HQ | 2022

References available on request