

ANDREW SHEA, FREELANCE SOFTWARE ENGINEER

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WEB DEVELOPMENT | CURRICULUM DEVELOPMENT | CREATIVE SOLUTION STRATEGIST

As a driven **full-stack web developer** and freelance **software engineer**, I bring over **four years of experience** working with a broad range of modern web technologies, including **Shopify, React, Node**, and **Next.js**, along with a strong foundation in the fundamentals — **HTML, CSS**, and **JavaScript**. I thrive on **creativity** and **collaboration**, solving complex challenges, and transforming client needs into **digital solutions** — especially in ecommerce. As a **critical thinker**, effective communicator, and **self-motivated** professional with a passion for technology, I have not only developed **high-quality applications** and **landing pages**, but I've also shared my knowledge as both a **curriculum writer** and teaching assistant, helping to equip others with the skills to succeed in the tech industry. I am eager to leverage my **experience, passion**, and **creativity** in a **front-end** or **full-stack** developer role within an innovative team. *Open to remote/hybrid work, up to 10% travel.*

CORE COMPETENCIES

Full-stack Web Development | Frontend Web Development | Backend/Server Development (Node.js) | JavaScript Tooling | Python and AI integration | Self-motivation and critical thinking | Creative Problem Solving | Project Leadership | Curriculum Development | Technical Instruction | Client Engagement | Agile/Scrum | SEO and CRO | Technical Communication | Customer Experience | UI/UX Design

TECHNOLOGIES & OTHER SKILLS

- HTML, CSS, JavaScript/TypeScript, APIs
- React/Redux, Node.js, Express.js, MongoDB
- Next.js, Shopify, Sanity CMS
- Basic Linux, PostgreSQL, Firebase (BaaS), Appwrite (BaaS)
- Git/GitHub, Webpack & Babel, Basic Docker, ESLint
- Basic Python, Colab, Jupyter
- LangChain, OpenAI APIs, AutoGen, CrewAI
- Quick learner, self-motivated, critical thinker
- Excellent communication

PROJECT HIGHLIGHTS

- **Shopify Ecommerce Website (CLIENT PROJECT):** Migrating an Etsy shop to a custom Shopify ecommerce storefront, in order to increase the client's profit margin by capitalizing on Shopify's better overall fee structure and utilizing SEO to drive new traffic and boost conversions. Using Next.js with TypeScript and Redux, as well as Material UI with styled components. **STATUS: IN DEVELOPMENT**
- **Professional Tutor Landing Page (CLIENT PROJECT):** Designing a landing page for a professional educator offering freelance tutoring services. Using a vanilla web stack (HTML, CSS, and JS), with Calendly integration to facilitate appointment booking, a Node.js proxy server built with Firebase cloud functions, as well as a CRM to manage client interactions and communications. **STATUS: IN DEVELOPMENT**
- **TokenMapper Figma Plugin (PERSONAL PROJECT):** Creating a Figma plugin for my own design workflow that converts the JSON from the DesignTokens plugin into Figma variables, and vice-versa, allowing efficient interchangeability between the two paradigms. Using Preact and SCSS. **STATUS: IN DEVELOPMENT**
- **StudySprint Web App (PERSONAL PROJECT):** Building an AI-enhanced web app which transforms lecture and video transcripts into interactive flashcards, quizzes, practice tests, and problem sets, to aid my own study for the certificates I'm currently pursuing. Using Preact, SCSS, and a NestJS server. **STATUS: IN DEVELOPMENT**

WORK HISTORY

FREELANCE SOFTWARE ENGINEER | Self-Employed/Contractor - Remote

Dec 2020 | Present

Starting under a trade name and later rebranding as **WebHelix LLC**, I have specialized primarily in bespoke website development. I have also undertaken other roles in the sphere of web development education, including **Curriculum Writer**, and **Teaching Assistant**. Currently developing a Shopify ecommerce website and a professional tutor landing page, optimizing for SEO and client engagement. My previous achievements include:

- **Created high-quality written lessons on CSS and JavaScript** for Correlation One's frontend web development career training program, impacting Amazon Career Choice participants.
- **Provided technical assistance and mentoring** to students in the same web development training program for Amazon Career Choice, enhancing their learning experience and ensuring successful project completion.
- **Spearheaded the development of a cross-platform mobile app** for a client using Ionic, React/Redux, TypeScript, and a serverless backend with Firebase cloud functions. Worked on the project from planning and wireframing/UI design, through initial beta testing.

ENGINEERING INTERN | Japan Communications, Inc. US - Englewood, CO

May 2020 | Nov 2020

- Maintained, updated, and troubleshoot existing UIs to better facilitate interaction with backend systems and data.
- Collaborated to resolve bugs, deployed fixes to production servers on AWS.
- Cross-trained on the basics of LTE networks, as well as USIM profile creation and provisioning.
- Successfully migrated functionality from a legacy system into the company's enterprise web portal.

SOFTWARE ENGINEERING FELLOW | General Assembly - Remote

Nov 2019 | Feb 2020

- Successfully completed General Assembly's software engineering bootcamp, comprised of an intense project-centered curriculum focusing on the MERN stack (MongoDB, Express, React and Node) as well as introductions to other technologies such as Django and PostgreSQL.

JUDICIAL AUDITOR | Metropolitan Tribunal (Archdiocese of Denver) - Denver, CO

Sept 2012 | Nov 2019

- Coordinated an initiative to improve workflow efficiency and clear a long-standing backlog of annulment cases.
- Handled complex, sensitive, and confidential correspondence with parties and witnesses to cases under assessment.
- Regularly conducted depositions and deciphered key points in testimony to compose critical summaries for Ecclesiastical Judges.

EDUCATION, PROFESSIONAL DEVELOPMENT & CERTIFICATIONS

Software Engineering Certificate | General Assembly

Google UX Design Certificate | Google — *IN PROGRESS*

IBM Full Stack Software Developer Certificate | IBM — *IN PROGRESS*

LINKS

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Portfolio: andrewjshea.com

GitHub: github.com/ashea29

Frontend Mentor: frontendmentor.io/profile/ashea29