

ALEX CRIST

Full Stack Engineer

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Creative and highly effective software engineer experienced in building custom user interfaces and efficient backends using cutting-edge technologies and industry standards. Proficient in writing clean and scalable code, excelling at finding innovative solutions to complex problems. Committed to minimizing technical debt and enhancing delivery speed using well-structured, declarative programming techniques. Excellent communication skills and thrives in independent work environments, leveraging diverse perspectives to overcome software challenges. Maintains a collaborative mindset when collaborating across departments and effectively manages stakeholder expectations.

Work Experience

Senior Software Engineer

Nov 2021 - Dec 2024

LPL Financial | Remote

- Engineered pixel-perfect Angular components for client-facing investment modeling dashboard with a 105% say/do ratio to deliver on the company's fintech platform modernization initiative on time and within budget.
- Architected and lead the technical initiatives for the UI's libraries, services and stores across 3 teams so that code delivery would be optimized for success as the application scaled up and gradually rolled out to thousands of users.
- Participated in code reviews, sprint planning, backlog refinement, retrospectives, and technical discussions.

Tech: Angular, TypeScript, MongoDB, Node, AWS, HTML5, SCSS, Tailwind, RXJS, NGRX, Jest, DevExtreme, SQL, Git, Agile

Web Developer

Nov 2020 - Sep 2021

Credit Union of Texas | Hybrid (Allen, TX)

- Successfully migrated two high-traffic websites (cutx.org and fairlease.org) from Sitecore CMS to Banno CMS in under one year, resulting in annual savings of hundreds of thousands of dollars.
- Rebuilt over 100 pages using Banno CMS, Salesforce, HTML, CSS, JavaScript, and APIs, while assisting with UI/UX design.
- Developed an auto loan application solution leveraging Node, jQuery and TransUnion APIs which reduced customer input needed to 5 data points and then giving an instant credit decision.

Tech: Node, Gulp, HTML5, CSS3, JavaScript, jQuery, Git, Google Cloud, Sitecore, Salesforce, Banno CMS, VS Code

Frontend Developer

Apr 2020 - Nov 2020

Zilis | Remote

- Spearheaded the development of five responsive PHP/MySQL WordPress websites and custom plugins, achieving international launch readiness within six months and reaching 100's of new distributors.
- Created, enhanced, and maintained core customer-facing apps built in Angular or React, including the primary Enrollment application which saw user growth of over 250% during my employment.
- Developed three Shopify websites using Liquid templating language, expanding international shopping capabilities.

- Configured Ubuntu web servers and performance maintenance in Digital Ocean with Plesk to improve production stability and reduce cloud costs.

Tech: Angular, React, JavaScript/TypeScript, Wordpress, PHP, MySQL, Shopify, AWS, Azure DevOps, DigitalOcean

Freelance Fullstack Developer

Jan 2018 - Apr 2020

Self-employed | Fort Worth, TX

- Provided full-service web agency services to local business owners to expand their online presence and acquire new customers.
- Designed, developed and delivered marketing websites built in Wordpress with custom PHP templates. Ran extensive queries in MySQL and navigated the Wordpress plugin ecosystem.
- Setup and managed website and email hosting with custom domains.
- Tech: Wordpress, HTML, CSS, JavaScript, jQuery, PHP, MySQL, Adobe Illustrator, Apache, Siteground, BrowserStack

Core Skills

Programming Languages: JavaScript, TypeScript, Python, PHP, some C#

Web Technologies: HTML5, CSS3, SASS, SCSS, AJAX, JSON, I18N

Frameworks & Libraries: Angular, React, MEAN, MERN, NextJS, Node, Tailwind, Bootstrap, jQuery, CodeIgniter, Wordpress, Laravel

Operating Systems: Windows, Mac, Linux, WSL, Raspberry Pi

Testing and Debugging Tools: Jest, Cypress, Chrome DevTools, VS Code Debugger, test-driven development, TDD, end to end, E2E

Databases: PostgreSQL, MySQL, MongoDB, Firebase, Supabase, backend, database

API: RESTful, GraphQL, Express, Websockets

IDE: Visual Studio Code, Cursor, StackBlitz, CodePen

CI/CD: GitHub Actions, Azure DevOps, TeamCity, Octopus

Version Control: Git, GitHub

Hosting Technologies: Heroku, Vercel, DigitalOcean, Plesk, WP Engine, Siteground

Web Servers: Apache, Nginx, IIS

Build Systems: Vite, Webpack, Gulp, Grunt, Docker, Babel, Artifactory

Cloud Computing: AWS, Jira, Zapier, Salesforce

AI & Artificial Intelligence: OpenAI, Anthropic, HuggingFace, LM Studio, Copilot, GPT Engineer

E-commerce: Shopify, WooCommerce

Cryptocurrency & Web3: Ethereum Dapps, Ganache, Smart Contract, web3.js, MetaMask

Design: Figma, Sketch, Invision, UI/UX, atomic design theory, mobile-first theory, BEM

Project Management: Agile, SAFe Agile, Scaled Agile, Jira, Azure Boards, Trello, Kanban, ClickUp, Linear

Other: RXJS, NGRX, Shadcn, Radix, Redux, Material UI, Markdown, Adobe Photoshop, Adobe Illustrator

Education

Computer Science and Programming

Self-Taught (Google)