

# Alex Crist

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## Summary

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Innovative and highly effective software engineer experienced in building custom user interfaces using cutting-edge technologies and industry standards. Proficient in writing clean and scalable code, excelling at finding creative 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

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### LPL Financial

**Nov 2021 – Dec 2024**

Senior Frontend Angular Engineer

*Remote*

- Built a greenfield frontend web app called Model Hub, a client-facing investment modeling subsystem for the Clientworks platform - a wealth management system for financial advisors.
- Turned ideas into professional software, collaborated cross-functionally with various teams to build brand new features from scratch. Discussed features to build with business and users.
- Upgraded and enhanced Trade Hub, the Clientworks subsystem for generating trade orders, by fixing long-standing bugs and adding UI enhancements that were highly requested.
- Lead the technical initiatives for building out the UI's libraries, services and stores across 3 teams so that code delivery would be optimized for success as the application scaled up.

**Tech:** Angular 18, TypeScript, MongoDB, Node, AWS, HTML, SCSS, Tailwind, RXJS, NGRX, Jest, SQL, Git, Agile

### Credit Union of Texas

**Nov 2020 – Sept 2021**

Frontend Engineer

*Hybrid (Allen, TX)*

- 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.
- Built from scratch 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

### Zilis

**April 2020 – Nov 2020**

Frontend Engineer

*Remote*

- Spearheaded the development of five responsive PHP/MySQL WordPress websites and custom plugins, achieving international launch readiness within six months.
- 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.

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

### Self-Employed

**Jan 2018 – April 2020**

Full Stack Engineer

*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

## Projects

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**Nsight Chat** | [nsight.chat](https://nsight.chat)

**Nov 2023 – Present**

- AI project I built with my meditation coach using OpenAI APIs streaming completions and custom prompts.

**Personal Portfolio** | [alexcris.com](https://alexcris.com)

**Oct 2024 – Present**

- Fun yet professional website I built from scratch (no themes or templates) to showcase my frontend skills.

**Growing Zone Finder** | [growzone.surge.sh](https://growzone.surge.sh)

**Sept 2021**

- App for gardeners to find their USDA growing zone by zip code to optimize their plant yields and get other tips.

## Skills

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

**Web Technologies:** Semantic HTML, CSS, SASS, SCSS, AJAX, JSON, I18N

**Frameworks & Libraries:** Angular 19, React, MEAN, MERN, NextJS, Node, Tailwind, Bootstrap, jQuery

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

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

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

**API:** RESTful, GraphQL, Express, Websockets

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

**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

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

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

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

## Education

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**Self-Taught, Google.com**

Computer Science & Programming