

Jeffrey Zhang

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Education

University of California, Los Angeles Oct 2020 – Jun 2022

B.S. Applied Mathematics

Hack Reactor Oct 2022 – Jan 2023

Certificate in Advanced Software Engineering

Skills

Front End: JavaScript, React, TypeScript, Next.js, React, Redux, HTML/CSS, SEO

Back End: Python, Java, C/C++, Node.js, Express, REST APIs, PostgreSQL, MySQL, SQL, Firebase

Testing/Deployment: Docker, AWS EC2, GitHub Actions, TDD, Jest, Mocha, Chai

Tools: Git, Webpack, Babel, Nginx, Agile, Jira

Professional Experience

Software Engineer, ANSOL Inc. Oct 2024 – Present

- Owned an end-to-end security compliance web app migration, driving view-model design, data typing, and component integration.
- Modernized a legacy planning and scheduling app to a JavaScript framework, improving front-end performance, maintainability, and data integration across key modules.
- Designed and shipped user-facing components, including dynamic timelines, interactive tables, and modals, enhancing analyst productivity and data workflows.

Software Engineer Intern, Checkins.ai Sep 2023 – Mar 2024

- Drove a 5x boost in website speed through Next.js migration, leveraging server-side rendering to optimize page load, interactivity and user experience.
- Delivered 25% of the codebase and built a scalable Tailwind design system for SEO, consistency and responsiveness across devices.

Projects

Self-Hosted Automation Platform & Dashboard Mar 2026 – Present

- Built and deployed a self-hosted platform with a real-time dashboard coordinating 90+ background services, owning the full stack from design to streaming through AI-assisted development.
- Sole developer of multiple production web apps across Cloudflare Pages, Workers, and self-hosted infra, including a real-time multiplayer math game built for low latency under concurrent load.

Sip & Play Refreshed [🔗](#)

Second place winner for the CodéDex Summer Hackathon with focus on 3D models, approachable UI/UX and responsiveness.