

Chase Holdren

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Full-Stack Software Developer | React & TypeScript Specialist

Full-stack developer with 8+ years building production web applications with React, TypeScript, and Node/NestJS/Express — mostly on fully remote, distributed teams. Background spans cloud security tooling, internal SaaS platforms, and Microsoft Teams integrations, with a focus on front-end architecture, API design, and developer-facing tools. Comfortable owning features end-to-end, from architecture and testing (Jest, React Testing Library, Playwright, Vitest) through deployment.

AREAS OF EXPERTISE

React & TypeScript | Node.js / NestJS / Express | REST & GraphQL APIs | Automated Testing (Jest, RTL, Playwright, Vitest) | CI/CD | Remote/Distributed Teams | AWS / GCP / Azure | PWA | Code Review & Tech Leadership

PROFESSIONAL EXPERIENCE

Software Developer (Contract, Remote) | Carbon Six Barrels

Oct 2025 – Present

- Designed and deployed an AI-powered phone answering system for a precision firearms manufacturer, handling 15 inbound calls/day and cutting missed calls during business hours by an estimated 50%.
- Built a full-stack inventory management and production-time tracking app used across the shop floor by 20 machinists/gunsmiths, replacing manual spreadsheet tracking.
- Split time between remote work and periodic onsite weeks to gather requirements directly from shop-floor and business stakeholders.

Software Developer | Tamnoon, Inc. (Remote)

Jul 2024 – May 2025

- Built a cloud security alert management web app in React/TypeScript and NestJS on a team of 3, used to triage and remediate 1000+ cloud security findings per month.
- Led frontend development of an AI-generated remediation task feature.
- Built a pixel-accurate dashboard and report generation feature using Puppeteer for PDF export, used by security teams for stakeholder reporting.

Full Stack Developer | Frameable Inc. (Remote)

Mar 2022 – Jan 2024

- Engineered a virtual office web app with video calls and screen-sharing (Vue, Express), supporting hundreds of users across client organizations.
- Migrated the app into native Microsoft Teams plugins built on the Microsoft Graph API.
- Diagnosed and resolved plugin load-time issues within Teams' sandboxed runtime, cutting initial load time by an estimated 40%.

Application Developer | Insight2Profit

Aug 2019 – Mar 2022

- Built an internal tool (React, TypeScript, Material UI) letting non-engineer Pricing Analysts build pricing/quoting models and publish them directly as APIs — used by 30 analysts.
- Cut developer involvement in ad hoc pricing requests, reducing turnaround for new pricing models from days to hours.
- Benchmarked in-browser editor performance against Monaco and shipped a custom lightweight editor instead, cutting bundle size by an estimated 80% while keeping syntax highlighting and autocomplete via the Language Server Protocol.

Software Engineer – Developer II | Hyland Software (Lawlogix)

Jul 2016 – Aug 2019

- Directed a complete rewrite of a legacy 4D/Python API to C#/.NET, working directly with Entity Framework, PostgreSQL, Jenkins, and Docker.
- Established core code quality and automated testing standards adopted as the team's enterprise baseline.

KEY PROJECTS

frostbase.app

- Real-time 3D virtual chat room (Three.js, react-three-fiber, Socket.io) with custom avatars, hosted on GCP App Engine.

Smashdex — smashdex.chaseholdren.com

- PWA for Super Smash Bros. players to log match history and visualize performance and matchup data.

Web LEDs — github.com/chaseholdren/web-LEDs

- Interactive art installation streaming live web drawings to a physical 8x32 Arduino-driven LED matrix.

EDUCATION

Bachelor of Computer Information Systems — Kent State University, Kent, OH, 2016

TECHNICAL SKILLS

Frontend: React, Vue, TypeScript, JavaScript, Redux, HTML, CSS, Material UI, Vite

Backend: Node.js, Express, NestJS, C#, .NET, GraphQL

Testing: Jest, React Testing Library, Playwright, Vitest

Infra & Tools: PostgreSQL, Docker, Jenkins, Firebase, AWS, GCP, Azure, Microsoft Graph API, CI/CD, Github Actions/Workflows

VOLUNTEER EXPERIENCE

Drop in the Bucket

- Designed, built, and deployed a nonprofit website managing ongoing contact between sponsors and sponsored students in Africa.