

# Christopher E. White

## Full Stack Software Engineer

Austin, TX | (254) 317 - 8882 | [chris@chriswhite.rocks](mailto:chris@chriswhite.rocks) | <https://chriswhite.rocks>

### Languages and Tools

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JavaScript, TypeScript, Python, PHP, HTML, CSS, SQL, Node.js, Express, FastAPI, React.js, React Redux, Redux-Saga, Zustand, MCP, Next.js, Laravel, Lumen, LangChain, Vite, Webpack, Jest, Vitest, React Testing Library, PHPUnit, Docker, Postman, PostgreSQL, MySQL, AWS, Cloudflare, Azure, Claude Code, CircleCI, Sentry, GitHub, Figma, Amplitude, SonarQube, Honeycomb, MacOS, Linux

### Professional Experience

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#### Full Stack Software Engineer - Criteria Corporation - Hollywood, CA (remote)

August 2025 – current

Architected idempotent data seeding system spanning 150+ files and 10,000+ lines of code, delivering mission-critical infrastructure in 2 months with 99.95% accuracy across React/Redux front-end and PHP/Laravel back-end, coordinating with product managers and ux/design team to align technical implementation with customer onboarding requirements. Optimized critical API endpoint from 45 seconds to 0.5 seconds (99% performance improvement), diagnosing performance bottlenecks and implementing secure, scalable solutions that dramatically improved system capacity and user experience. Resolved production bugs and service desk tickets including secure data deletion workflows with proper authentication and authorization for privacy compliance. Built internal MCP server integrating Sentry for accelerated bug resolution, presenting technical approach to engineering leadership and documenting architecture for team adoption. Currently developing an AI-powered optimization system for core user workflows, tracking project milestones and communicating technical decisions and progress to stakeholders across product, engineering, and design teams.

#### Full Stack Software Engineer - Five9 Cyber - Austin, TX (remote)

April 2022 – August 2025

Delivered custom web solutions for small business clients while pursuing intensive professional development in cybersecurity, AI, and systems architecture. Coordinated with clients to assess requirements, planned project timelines, and delivered front-end applications using React, TypeScript, and Tailwind. Completed 6-month cybersecurity bootcamp covering application and network security, penetration testing, and practical experience with numerous security tools. Authored technical articles explaining complex security concepts including phishing detection, account takeover, cryptography, and security policy to diverse technical audiences. Built two custom AI development servers for local LLM deployment using Ollama, developed and published open-source MCP server (SushiMCP) to npm, and implemented LLM workflows using LangChain, applying secure coding practices and scalable architectural patterns through extensive self-directed study in Node.js, Python, AI-powered development tools, and prompt engineering.

#### Front End Software Engineer - Aptive Environmental - Provo, UT (remote)

Nov 2021 – April 2022

Served as front-end lead, coordinating with product owners, engineering managers, and development teams to rebuild an employee onboarding application platform using React, React Redux, Redux-Saga, and Tailwind Components supporting the company's rapid growth. Spearheaded critical infrastructure transition from external development agency (Azure/C++) to in-house teams (AWS), planning migration timeline, tracking technical risks, and presenting progress updates to senior leadership. Conducted comprehensive system analysis to identify and document ghost infrastructure, undocumented dependencies, and tribal knowledge gaps caused by contractor turnover, diagnosing integration issues and implementing scalable solutions. Maintained Twilio integrations and platform workflows. Established operational standards and best practices for front-end development to prevent future technical debt accumulation, documenting technical guidelines and communicating implementation strategies across engineering teams. Mentored junior developers on modern development practices and knowledge transfer procedures.

**Front End Software Engineer - Insight Enterprises - Tempe, AZ (remote)****May 2019 – Nov 2021**

Contributed to multiple critical initiatives at a \$9B Fortune 500 company supporting enterprise technology distribution and services. Resolved hundreds of HTML/CSS bugs blocking \$2B+ annual procurement portal, enabling project progression. Built full-stack internal sales reporting tool with React front-end and Node.js proxy to Java API, containerized with Docker to replace a fragile legacy system. Served as lead maintainer for enterprise design system (7 libraries with hundreds of components including CSS core, CSS utilities, React component libraries, helper libraries, and documentation site) serving as the single source of truth for UI development across the company. Maintained system while interfacing with product, marketing, and design teams to assess requirements, communicate technical tradeoffs, and handle updates, bug fixes, and feature requests. Contributed to modernization efforts across multiple applications within micro-apps architecture, implementing Jest and React Testing Library for automated testing and integrating LaunchDarkly feature flags for controlled rollouts. Led 3-person team (developer, product owner) on an 8-month web accessibility initiative, creating project timeline, coordinating team efforts, and reporting progress to leadership to address ADA compliance issues across the design system and all public-facing enterprise applications. Integrated eslint-plugin-jsx-a11y for automated accessibility linting and implemented Pa11y for continuous testing. Conducted systematic testing and remediation using WAVE and Lighthouse, creating tickets and implementing fixes for ARIA labels, keyboard navigation, color contrast, and screen reader compatibility to achieve WCAG 2.0 AA compliance standards.

**Front End Software Engineer - American Express - Phoenix, AZ****Oct 2018 – May 2019**

Maintained legacy Java and XML applications supporting payments systems. Developed user experience features in customer-facing payments portal using React and AmEx internal design system. Implemented unit testing with Jest and React Testing Library to achieve high code coverage.

**Web Development TA / Tutor - Trilogy Education - Chandler, AZ (part-time)****June 2018 – June 2020**

Led transformative web development education programs for 50 students, orchestrating comprehensive curricula that drove an exceptional 90%+ graduation rate and helped launch successful tech careers. Tutored 40+ failing bootcamp students by identifying gaps and scaffolding skills to reach proficiency.

**Combat Medic - US Army - Fort Hood, TX****Jan 2007 – March 2013**

Served in Korea, Fort Hood, and two Iraq deployments. Provided trauma care across field, combat, and hospital settings including Forward Aid Station, Combat Support Hospital, Emergency Room, and Troop Medical Clinic. Performed medical assessments, triage, and diagnostics. Trained 150+ soldiers in Combat Lifesaver protocols.

**Education**

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UC Irvine - Cybersecurity Boot Camp	Sep 2024 – Mar 2025
Galvanize - Web Development Immersive	July 2017 – Dec 2017
Texas A&M - Bachelor's in Marketing ( <i>Magna Cum Laude</i> )	Mar 2013 – Dec 2015