Christopher E. White

Senior Software Engineer

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Core Competencies

Authors robust and scalable application services exposing RESTful APIs and performant, user-centric client applications using a modern development stack in cloud and serverless environments.

Ardent supporter of CI/CD best practices and committed to fostering secure, robust, and reliable software supply chains by shifting left and enforcing adherence to high quality code standards.

Security champion skilled in addressing CWE vulnerabilities through static analysis, team training, and remediation. Proficient in SBOM generation and analysis, with experience advancing SLSA levels to help secure software supply chains.

Experienced in creating comprehensive documentation across the software development lifecycle to include detailed documentation of architecture, infrastructure, and the drafting of critical policy and compliance documents.

Languages and Tools

TypeScript, Python, Node.js, Express.js, Prisma, FastAPI, PostgreSQL, REST, GraphQL, AWS, Cloudflare, Supabase, itty-router, Docker, Linux, HTML, CSS, Vite, Next.js, React.js, React-Redux, Zustand, Zod, Superstruct, Webpack, Jest

Professional Experience

Software Engineer and Founder - Five9 Cyber - Irvine, CA (remote)   **April 2022 – current**

·   Designs and develops custom web solutions optimized for serverless infrastructure, consuming cloud services, and rapid development to minimize cost for early startup and small business clients.

·   Provides cybersecurity services, including static code analysis, software supply chain assessments, SBOM creation and analysis, security policy development, and phishing management.

·   Assists with planning and delivering a "shift-left" security approach to integrate software supply chain security earlier in the software development lifecycle.

·   Consults on web accessibility via assessment, development, and training to ensure compliance with web accessibility guidelines and an inclusive user experience.

Senior Software Engineer - Aptive Environmental - Provo, UT (remote)   **Nov 2021 – April 2022**

·   Led the transition of critical infrastructure from external agency to in-house teams, delivering results through in-depth analysis, thorough documentation, and effective knowledge transfer.

·   Directed and contributed to the front-end development of a React and TypeScript employee onboarding platform, optimizing workflows to support Aptive's rapid growth.

·   Defined and implemented operational standards for front-end teams, enhancing consistency, fostering collaboration, and reducing technical debt.

·   Mentored junior developers to boost confidence, meet performance goals, and accelerate professional growth.

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

· Built a business-critical procurement portal to replace a brittle legacy application using JavaScript, React, Redux, and Insight's internal design system, supporting $2B+ in annual online sales.

· Led maintenance and development for nearly a dozen internal software packages that served as the single source of truth for user interface development across the enterprise.

· Developed and deployed internal business tools for high-volume sales teams by containerizing React applications with Node proxy servers using Docker and deployed on internal infrastructure.

· Led a team from inception through completion of a web accessibility initiative designed to achieve WCAG 2.0 AA compliance across global web properties.

· Created comprehensive documentation covering infrastructure, architecture, web accessibility, and coding standards, supporting DevOps advancement.

· Authored and delivered training on CWE's, supply chain security, coding best practices, and web accessibility.

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

· Performed extensive maintenance and debugging on legacy Java and XML applications.

· Developed critical user experience features within payments portal using React and the AmEx design system.

· Achieved 100% code coverage by implementing behavior-driven unit tests with Jest and React Testing Library.

Web Development Instructor - 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.

Event Director - HackerX - Phoenix, AZ (part-time)　　　　　　　　　　　**Dec 2017 – March 2020**

· Directed and executed high-impact technology events, leading a small team to deliver seamless experiences that connected industry leaders and potential employees.

· Cultivated and strengthened strategic partnerships with technology companies, fostering relationships that enhanced event impact and industry engagement.

· Facilitated talent acquisition by organizing targeted networking opportunities, enabling technology companies to identify and hire top talent effectively.

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

· Administered trauma care in field, combat, emergency room and combat support hospital

· Performed assessments, triage, and diagnostics in clinical settings using advanced equipment and techniques

· Administered Combat Lifesaver training covering first aid, CPR, and emergency response to 150+ soldiers

Education

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