Stephen Greco | Senior Software Engineer

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Skills

Languages / Frameworks / Databases: React, TypeScript, JavaScript (ES6), VueJS, Vuex, Next, Node, HTTP, Astro, Vitest, Jest, Tailwind, Webpack, styled-components, Redux, Cypress, Playwright, react-testing-library (RTL), Redis, Go, Python, Single Page Applications (SPA), HTML, CSS,

Tools & Platforms: VS Code, Git, GitHub, Azure DevOps, Storybook, Docker, Google Cloud, Docker Desktop

Experience

Senior Software Engineer & Tech Lead United States Steel Corporation Oct 2021 - March 2024

- Led feature development and collaborated with product and design teams on a critical payroll application built with React/Typescript, meeting a January 1st deadline, saving $250k in annual fees from an external SaaS product.
- Designed architecture for all enterprise React/Typescript apps, fostering standards in automated testing (Vitest/Playwright), CI/CD (Docker, Azure DevOps), state management (Zustand), routing (React Router), api integration (Zod, React Query, Axios)
- Led development on the company's component library of 40+ React components, according to developers, this increased their velocity by around 300% and increased brand consistency across our suite of applications.
- Developed and implemented comprehensive enterprise testing standards and tools using Jest/Vitest, React Testing Library and Playwright, resulting in 1000’s of tests and improved product quality/efficiency.
- Collaborated with backend architects to design and document our REST APIs, ensuring semantic versioning.
- Proactively developed the company's first containerized React/Node application using Docker, shifting the company to containerize hundreds of existing applications across various tech stacks and reduce server licensing fees.
- Mentored and led distributed teams of 5-10 engineers, focusing on collaboration and a culture of learning.
- Partnered with the Cyber Compliance team to implement Sonatype Nexus and SonarQube to comply with internal OSS policies, resulting in OSS dependencies for 500+ applications being scanned through our internal rulesets.
- Cross functionality worked as part of a team to evaluate and document standards for Generative AI tools such as Chat GPT (Open AI) and GitHub Copilot, ultimately having these tools approved for use and rolled out to developers.

Software Engineer II United States Steel Corporation Oct 2017 - Oct 2021

- Developed a workforce management app using React/Typescript/Node, prompting a new enterprise capital project.
- Collaborated with UI/UX designers to implement a company design system, resulting in an extensive style guide.
- Designed, developed, and deployed an enterprise workforce scheduling app using VueJS and Vuex, used to schedule roughly 10,000 people a week since 2019.
- Collaborated cross-functionally to transition tools into Azure DevOps, leading to widespread adoption of Azure DevOps tools across all development teams, including source control, product backlogs and CI/CD pipelines.
- Transitioned 200+ developers and all codebases from various source control tools into Git and Azure Repos.

Software Engineer I United States Steel Corporation June 2014 - Oct 2017

- Developed and maintained an internal VueJS application that was used by employees to calculate yearly bonuses resulting in the company's first application using a modern JS framework.
- Contributed to web projects across multiple business domains to support our employee base.

Software Engineer Co-op United States Steel Corporation Jan 2013 - Jun 2014

- Developed and supported dozens of internal intranet sites and applications using HTML, CSS and Javascript.

Education

Robert Morris University - Bachelors of Science - Computer Information Systems and Competitive Intelligence 2014