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## SKILLSETS

### Languages

Typescript/JavaScript  
Golang  
CSS/SASS  
Accessible HTML  
Python  
Bash

### Technologies

React 18+  
NextJS/Remix  
Svelte/SvelteKit  
NodeJS  
Express/NestJS  
Jest/Vitest/RTL  
Git/Github  
Vite/Rollup/Webpack  
Electron  
Storybook 8+  
TailwindCSS  
GraphQL  
REST  
GORM  
Chi  
PostgreSQL  
Docker  
Figma/Adobe Suite

### Methodologies

Agile Development  
Headless Development  
Scrum  
CI/CD  
Open Source

## ME — IN A NUTSHELL

Ahoy! — I'm a *proven* staff software engineer and veteran with a strong background in building modern responsive and performant web applications. With *expertise in React & Typescript*, I excel at solving complex problems and creating intuitive user experiences. My track record includes delivering high-quality, well-documented/tested code *on schedule*. (13yrs in the Navy makes it hard to miss a deadline)

## EXPERIENCE

### OctoAI

*Staff Software Engineer* (January 2024 - Present)

*Senior Software Engineer* (August 2023 - January 2024)

- Led the planning, design, and development of our AI SaaS/IaaS platform's frontend, leveraging Remix, React, TypeScript, and Express among other modern technologies. My contributions included engineering user-optimized demos and comprehensive documentation for our APIs/services, architecting the UI for client endpoints and logs, and integrating a robust Stripe/Orb payment system.
- Led cross-functional collaboration with backend teams to shape and develop an AI asset library used to integrate LoRAs, checkpoints, and textual inversions into the OctoAI media generation vertical, including client-side S3 upload optimizations and API schemas for a series of micro-services.
- Pioneered integration and innovation across all teams by creating a unified OpenAPI spec pipeline for 6 services and at least four dedicated consumers, developing an AI-powered web app for generating yearbook photos for our marketing team, and nurturing talent through mentoring both designers and junior engineers, significantly enhancing creativity and cross-team collaboration.

### Freelance/Open Source

*Designer/Developer* — (January 2019 - Current)

- Authored and currently maintain open-source projects. Including, but not limited to, a Storybook plugin for GatsbyJS, ESLint plugins, a VSCode extension, and a web worker utility.
- Logo design and full company branding for Two Ten Productions (twotendigital.com) as well as creating a vertical-flip 15-page branding guide. Effectively establishing the Philadelphia-based company's brand and internet presence.

### Webstacks

*Software Engineer L2* — (October 2022 - August 2023)

*Software Engineer* — (February 2022 - October 2022)

- Built and maintained the Webstacks core product, a UI library using React, Typescript, Styled Components, and Storybook. Increased new website build speed by over 55%, reducing bugs, styling errors, and new project ramp-up time.
- Spearheaded the development of an industry-leading component library for Solana (solana.com) using React, TypeScript, TailwindCSS, & Storybook. Seamlessly integrated it into Solana's NextJS website for accelerated development cycles and heightened productivity.

### American Alpine Club, San Diego Chapter

*Board Member — Director of Media* (January 2019 - January 2020)

- Led a product initiative that combined a responsive website, print, and social media to boost event participation and grow our membership by 23% in a year. Through data-driven refinements, this strategy improved user engagement and demonstrated my dedication to product thinking.
- Planned, coordinated, and led community events, meetings, and conferences to promote organizational goals, solicit donations or sponsorships, and support fundraising projects that increased the overall annual revenue of the San Diego Chapter by 12% year over year.

### United States Navy

*Aviation Maintenance Manager* (July 2006 - January 2020)

- Managed 1,112 people in the scheduled and unscheduled maintenance of 42 MH-60S helicopters with a budget of \$630mil resulting in a 98% daily mission completion rate. (In other words, I can handle stress and work well under pressure).
- Managed 12 detachments to San Clemente Island leading 44 technicians on 6 H-60 aircraft through 1,152 flight hours with a 100% sortie completion rate. Essential in the deployment/recovery of \$187mil worth of gear as well as fighting the 4,100 acre Bonsall fire.

## EDUCATION

**Platt College San Diego** (San Diego, CA)

*Bachelor of Science in Media Arts w/ emph. in Web Development — 4.0 GPA*