

Jessie Walters

Fullstack TypeScript Developer | Cloud-Ready Engineer

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Professional Summary

Fullstack Developer with a passion for building modern web applications using React, TypeScript, Node.js, and cloud services. Unique background as a Systems Engineer with expertise in infrastructure, security, and automation, now fully transitioned into software development. Generative AI is at the core of my workflow—from scaffolding code and debugging to test automation and documentation.

Technical Skills

Frontend:	React, TypeScript, Next.js, Tailwind CSS
Backend:	Node.js, Express, Java (Spring Boot basics), REST & GraphQL APIs
Databases:	PostgreSQL, MySQL, MongoDB
Cloud/DevOps:	Azure, Docker, GitHub Actions, CI/CD
AI Tools:	GitHub Copilot, Cursor, Claude, Replit, ChatGPT
Other:	Git, VS Code, Jest, Agile/Scrum

Projects

Roofer's AI – SaaS Web Application (2025)

- Developed React/TypeScript frontend with secure authentication and Stripe subscriptions.
- Built Node.js + Express backend with PostgreSQL using Drizzle ORM.
- Leveraged AI tools (Copilot, Cursor) for scaffolding, testing, and faster iterations.

Mind Mirror App – AI Journaling Platform (2025)

- Built fullstack app with React + Tailwind frontend and TypeScript/Express backend.
- Implemented journaling features, authentication, and real-time AI reflections.
- Deployed via Vercel + NeonDB, with serverless functions for scalability.

Crew Check-In – Field Productivity Tool (2024)

- Designed React-based admin dashboard and TypeScript modules for worker tracking.
- Integrated CSV exports, conditional workflows, and Google Sheets automation.
- Used AI tools to prototype features, debug logic, and write documentation.

Professional Experience

Systems Engineer – Mercy Ships (2021 – 2023)

- Automated infrastructure processes with PowerShell/Bash, reducing manual work.
- Deployed and maintained Windows/Linux servers across VMware environments.
- Led prototypes and deployments of new technologies, aligning business and technical requirements.

Junior Systems Engineer – Mercy Ships (2019 – 2021)

- Created internal documentation and tools to support system admins and engineers.
- Collaborated on patch management and WSUS updates, strengthening system security.
- Assisted in building a safer, more compliant server environment.

Certifications

Microsoft Azure Fundamentals (AZ-900) • CompTIA Server+ • Linux Essentials • Microsoft Technology Associate (MTA)