Tyler Fann

Software Engineer - Front End

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Summary

Software engineer with 6+ years of experience building and enhancing web applications using React, TypeScript, and other modern technologies. After briefly pursuing a personal aspiration outside of technology, I've decided to return to software engineering with renewed passion and perspective on teamwork and service.

Technical Skills

Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript
Frameworks/Libraries: React, Redux, React Router, React Query, Formik, Axios, Express, MUI, styled-components
Testing: Jest, React Testing Library
Other: Git, GitHub, Node.js, REST APIs, GraphQL, Jira, Figma, Agile

Work Experience

Smithfield Fire Department, Smithfield, RI - Probationary Firefighter/EMT
March 2025 - October 2025
- Became a nationally certified Basic EMT and graduated from the RI Fire Academy in June 2025
- Responded quickly to emergency calls for medical, fire, auto-accident and other hazardous situations
- Maintained and safely drove emergency response vehicles

Rapid7, Boston, MA - Senior Software Engineer - Front End
May 2022 - March 2025
- Developed new and enhanced existing features for InsightIDR, a cybersecurity SaaS platform using React, TypeScript and other modern web technologies
- Led development for multiple product initiatives and collaborated with cross-functional teams from design to release
- Wrote comprehensive unit tests for component and utility functions
- Demoed front end product enhancements to engineering and various stakeholder teams
- Shared knowledge and assisted junior engineers in their development work
- Promoted to Senior Software Engineer in February 2024

CVS Health, Woonsocket, RI - Software Engineer II - Front End
April 2019 - April 2022
- Created reusable React components and utility functions for the "front store" e-commerce experience
- Collaborated with fellow engineers, product, QA and various stakeholders to deliver new features, accessibility improvements, defect fixes, SEO enhancements and more
- Reviewed and tested pull requests thoroughly to ensure code quality and functionality
- Conducted technical interviews and helped onboard new engineers
- Promoted to Software Engineer II in March 2021

Education

University of Rhode Island, Kingston, RI - Bachelor's Degree of Science, Finance
September 2013 - May 2017