Shane Franklin

Software Engineer

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Professional Summary

Software Engineer with 5+ years of experience designing and developing scalable web applications using Javascript, Typescript, React.js, Vue.js and REST APIs. Proven track record of improving business efficiency, delivering user-focused solutions, and collaborating in Agile/Scrum environments. Strong front-end focus with full-stack experience supporting enterprise applications.

Technical Skills

- **Languages:** Javascript(ES6+), TypeScript, Python
- **Frameworks & Libraries:** React.js, Next.js, Vue.js
- **Front-End:** HTML5, CSS3, Tailwind CSS, Responsive Design
- **APIs:** RESTful APIs, JSON
- **Tools:** Git, Github, Figma
- **Practices:** Agile/Scrum, Unit Testing, CI/CD, Component-Based Architecture

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Professional Experience

Store Fulfillment Associate (Part-Time)

Walmart, Martinsville, IN
July 2025 - Present

- Part-time Customer Support
- Online Grocery Associate

Personal Projects/Freelance Work

Self-Employed, Indianapolis, IN
September 2023 - October 2026

- Building a simple portfolio website with React/Next.js and SQLite3 database.
- Working on obtaining a Masters in Data Science at IU, currently learning R and studying for a Power BI certification.
- Designed and developed a client-facing website for a custom costume and needlework business using React, Typescript and Tailwind CSS, translating designs from Figma into responsive web interfaces.
- Built a Discord bot that integrated with the Supercell REST API to retrieve and display Clash Royale Statistics, and built a dice rolling application for DnD.

Web Support Specialist III

Cherokee Nation System Solutions, Indianapolis, IN

March 2024 - September 2024

- Designed and developed a web application from Figma designs to manage USGS equipment, ensuring compliance with the national standards and accessibility requirements.
- Led front-end development as one of the three engineers, building scalable UI components using Javascript, Typescript and modern front-end frameworks.
- Contributed to a finance management application using Vue.js, delivering features while the equipment management application was presented at a national conference.
- Demonstrated strong self-management and ownership by tracking tasks, meeting milestones, and delivering features on schedule.

Software Engineer Consultant

Sogeti, Indianapolis, IN
March 2021 - March 2023

- Developed and maintained underwriting and internal tooling applications using React.js, Vue.js, and RESTful APIs.
- Built and enhanced a Forms Management Micro UI and backend service, improving insurance application workflows and saving 1-3 hours per task for underwriter users.
- Supported enterprise users by implementing 250+ insurance form additions and UI enhancements, improving accuracy and efficiency of form completion and document generation.
- Assisted in the creation and implementation of unit testing to improve applications reliability and reduce defects.
- Worked in a SCRUM Agile environment, collaborating with cross-functional teams to deliver features on tight deadlines.
- While on bench in between projects studied and successfully procured certification as Splunk Core Certified Power User.

Senior Software Associate

Infosys Limited, Indianapolis, IN
July 2018 - September 2020

- Developed and optimized Python programs to collect, validate and organize data from smart furnace filter systems.
- Implemented a script to design and implement a secondary client-facing database for demonstration purposes.

Certifications

- Comptia A+

Education

Ball State University, Muncie, IN
Bachelor of Science in Computer Science
2014-2018

Indiana University, Bloomington, IN
Masters in Data Science
2026-Present