

Josh Liford

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www.github.com/joshliford

SUMMARY

I bring systematic problem-solving skills and experience supporting complex systems, developed through roles in emergency nursing and informatics. Through LaunchCode and work as an Applications Developer, I've developed proficiency in React and JavaScript building frontend applications, and I'm expanding into full-stack development with Java, Spring Boot, and MySQL. I'm seeking opportunities in collaborative development environments where I can contribute to meaningful projects while continuing to deepen my technical expertise.

LANGUAGES | FRAMEWORKS | TOOLS

JavaScript, HTML, CSS | React, TailwindCSS | Git, npm, node.js, GitHub Copilot, Shadcn, Jira, Spec-Kit, Docker

EXPERIENCE

Amplify — LaunchCode Capstone Project

- Developed and deployed to Netlify a gamified guitar learning application featuring progression tracking, interactive lessons, and practice management to provide a structured learning experience
- **XP/Progression System:** Built XP and leveling system with dynamic reward calculations, progress tracking, and level-based title/icon rewards using JavaScript functions and state management
- **Modal/Lesson System:** Designed conditional rendering logic for lesson, chord, and scale modals with completion tracking to prevent XP exploitation through state-controlled button disabling
- **Practice Timer:** Implemented practice session timer with duration goals and XP rewards, managing session state and completion validation
- **Tech Stack:** React, JavaScript, TailwindCSS, Shadcn, HeadlessUI

Applications Developer — Mercy Hospital

September 2025 - Present

- Developed a full-stack enterprise application using spec-driven development with Spec-Kit, React, Typescript, Next.js, and OAuth2/MSAL authentication, managing frontend UX and backend API integration for an internal payment processing system
- Evaluate AI coding assistants via Github Copilot and multi-model approaches (GPT, Claude, Gemini), providing recommendations to development teams across the organization
- Manage concurrent development projects including spec-driven enterprise application modernization, AI agent creation, prompt engineering, and MCP server development using FastMCP, collaborating in an Agile environment

Senior Informatics Analyst — Mercy Hospital

September 2022 - September 2025

- Resolved technical issues across Epic EHR and 15+ integrated healthcare technologies (mobile devices, clinical applications, etc.) for 300+ clinicians, maintaining 95% first-contact resolution
- Identified and escalated high-priority technical issues to appropriate teams and vendor support, managing communication between clinical staff and technical teams to accelerate resolutions
- Created and maintained technical documentation and training materials for clinical staff, reducing repeat support requests by 20% through proactive knowledge sharing

EDUCATION

LaunchCode, Software Development, 2026

University of Missouri - St. Louis, Bachelor of Science in Nursing (RN-BSN), Nursing