

Harrison Stephan

FULL-STACK SOFTWARE ENGINEER

Boise, Idaho • 208-297-0539 • harrison@stephanclan.com • harrisonstephan.dev • linkedin.com/in/harrisonstephan

Full-stack software engineer building production web applications with React, TypeScript, C#, .NET, Redux Toolkit, RTK Query, and SQL-backed systems. Experienced in debugging complex codebases, improving internal business tools, building reusable UI components, and contributing across frontend, backend, and systems-level work.

EXPERIENCE

In Time Tec — Software Engineer

Jun 2025 – Present

Meridian, Idaho

- Build and maintain full-stack application features using React, TypeScript, C#, .NET, and SQL-backed service layers.
- Develop production UI flows for internal business software, including data-heavy forms, modals, tables, reports, exports, and workflow screens.
- Debug production issues using Azure Application Insights, browser DevTools, network traces, logs, and codebase analysis.
- Improve workflow reliability across double-save protection, navigation cancellation, autocomplete behavior, unit conversion precision, and report timeouts.
- Contribute to backend logic, feature-flagged releases, and systems-level work using C#/.NET and C.

In Time Tec — Junior Software Engineer

Apr 2024 – Jun 2025

Meridian, Idaho

- Built reusable React and TypeScript components to improve maintainability and reduce repeated UI code.
- Applied Redux Toolkit and RTK Query to manage application state, API calls, caching, loading states, and user interaction flows.
- Learned and followed existing codebase conventions while contributing to production features in a large enterprise application.

Brigham Young University — Teaching Assistant — Chemistry

Aug 2020 – Dec 2022

Provo, Utah

- Led two weekly student sections, clarifying confusing chemistry concepts.
- Conducted 10 large exam review sessions with roughly 100 students per session.
- Created four complete exam keys so the professor could focus more time on students.

EDUCATION

Brigham Young University — Bachelor of General Studies

Aug 2019 – Jun 2025

Provo, Utah

- Business Management emphasis; Minor in Chemistry.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C#, C

Frontend: React, Redux Toolkit, RTK Query, React Bootstrap, Vite

Backend: .NET, REST APIs, SQL-backed services

Tools: Git, Azure DevOps, Azure Application Insights, browser DevTools

Practices: Debugging, reusable component design, feature flags, production issue triage, clean architecture

Additional: Conversational Tagalog, technical teaching, AI-assisted development workflows