

JEROD HOLLEN

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SUMMARY

Full-stack engineer (React, Next.js, TypeScript, Ruby on Rails) with 4+ years shipping enterprise edtech and automation. Known for turning manual bottlenecks into software: collapsed an 8-hour publishing process into a 20-minute automated run (~160 engineering hours saved per quarter) and cut page weight 40–70MB across ~2,000 assets. Seeking frontend, technical solutions engineering, or AI engineering roles.

EXPERIENCE

Web Developer / Software Engineer I

Jul 2021 – Oct 2025

Cloud Security Alliance — Bellingham, WA

- Built a build-time image optimization pipeline processing ~2,000 assets, reducing page weight by 40–70MB.
- Automated SCORM/Skilljar course publishing with Playwright and Python — cut a full 8-hour manual process to a 20-minute run, saving ~160 engineering hours per quarter.
- Designed schema-driven page templates enabling non-technical staff to publish content without developer involvement.
- Migrated test suite from RSpec to Cuprite; integrated Auth0 authentication; built i18n localization pipelines.
- Developed and deployed enterprise cloud-security certification courseware (CCSK v5, CCZT) with AI-generated audio and LMS integration.
- Promoted from Junior Web Developer; served as de facto solutions engineer for a lean 5-person engineering team.

SELECTED PROJECTS

- LXP Automation Engine — Python/Playwright/GitHub Actions pipeline automating SCORM training publishing (20-minute runs, ~160 hrs/quarter saved).
- Burmese P2P Med App — Offline-first Android medical reference for connectivity-dark zones; 100% offline uptime via P2P sync and encrypted distribution.
- Bogardt Band OS — Next.js band platform with media hub, show calendar, and secure member admin, deployed on Vercel edge.

SKILLS

TypeScript, React, Next.js, Ruby on Rails, Python, Playwright, PostgreSQL, Tailwind CSS, GitHub Actions, Auth0, Vimeo API, Skilljar API, Vercel

EDUCATION

B.S. Computer Science, Western Washington University, 2022 — Minor in Mathematics

Eagle Scout