Evan Perry

Full Stack Software Engineer | Denver, CO

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ABOUT ME

Former commercial pilot with over a year of professional experience as a **Full Stack Developer** and **Certified AWS Developer Associate**. Hands-on experience designing, building, testing, deploying, and operating production web and mobile applications using TypeScript, Next.js, React, Node.js, PostgreSQL, DynamoDB, and AWS cloud services. Strong foundation in containerization (Docker) and cloud orchestration, with a focus on performance, maintainability, and reliability in production environments.

WORK EXPERIENCE

Full Stack Developer
PROJXON | Jan 2025 - Present

- Designed, built, and shipped OrkaChat as the sole contributor, a production-grade, serverless real-time messaging application (Web, Android, iOS) featuring end-to-end encrypted direct and group messaging, passphrase-based cross-device key recovery, channels, and AI-assisted features via serverless APIs.
- Led a team of 6+ developers on client web builds through Agile sprints (planning, grooming, reviews), code reviews, and mentoring junior devs to ensure high-quality, maintainable code.
- Designed, built, and shipped ZephyrAeroLeather.com as the sole contributor, a fully functional e-commerce website using Next.js and a headless WooCommerce backend.
- Migrated and deployed PROJXON's React/Node.js website to Next.js, implementing app routing, server-side rendering (SSR), and incremental static regeneration (ISR) to improve SEO and Google Analytics tracking reliability.
- Designed and deployed containerized applications using Docker with Nginx reverse proxying and production hardening; built serverless routing patterns with API Gateway.
- Automated infrastructure and deployments with Terraform, CloudFormation/Amplify IaC, and AWS CodePipeline, integrating automated testing with Jest and Playwright.
- Resolved production issues using CloudWatch, X-Ray, and browser DevTools, often identifying root causes before escalation.
- Delivered multiple client web builds as needed, supporting rapid iteration and deployments.

Certified Flight Instructor - Instrument & Commercial Pilot
Rocky Mountain Flight School | Oct 2022 – Mar 2023
Self-Employed Flight Instructor | Mar 2023 – Present

- Delivered structured flight instruction and real-time feedback, adapting technical concepts to varied learning styles.

PROJECTS

- **OrkaChat** (**chat.Orkaos.com**) React Native/Node.js real-time chat for web, Android, and iOS using WebSockets and RESTful APIs, API Gateway, DynamoDB, asynchronous Lambda functions, and AWS Cognito. Tested with Jest (unit) and Playwright (end-to-end) to support reliability. Live on Google Play Store and iOS App Store.

- **ZephyrAeroLeather.com** E-commerce site using Next.js, TypeScript with SSR/ISR/SSG, deployed on AWS EC2 with Docker/Nginx deployment with JWT user authentication, reviews/order history, Stripe payments, and address validation.

- **Projxon.com** Corporate website using Next.js, TypeScript, Docker, CMS Integration, Google Analytics and Google Tag Manager, deployed with AWS, Docker/Nginx.

SKILLS

Programming Languages & Frameworks: Python, TypeScript, JavaScript, React, React Native, Node.js, Next.js, Express

Infra/DevOps:
AWS, Docker, Kubernetes, Nginx, GitHub Actions, CodePipeline

Styling & UI:
Tailwind, Bootstrap, HTML/CSS, MUI

Databases & APIs:
PostgreSQL, DynamoDB, GraphQL, RESTful API, WebSockets, MongoDB, NoSQL, SQL

Testing/QA:
Jest, React Testing Library, Playwright, Cypress, Postman

AI Tools:
ChatGPT, Claude.ai, GitHub Copilot, Cursor

Soft Skills: Leading a team, professional collaboration, Agile (Scrum)

EDUCATION

University of Mary Washington
2006-2010
Bachelors, Economics

AWS Certified Developer Associate

LANGUAGES

English, Portuguese

REFERENCES

Available on Request