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 **AWS Certified Developer Associate**. I design, build, deploy, and operate production web and mobile applications end-to-end, owning everything from frontend architecture to backend APIs and cloud infrastructure. Experienced with TypeScript, React, Next.js, Node.js, AWS, and Infrastructure as Code, with a focus on reliability, performance, and maintainability.

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 architecture.
- 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.
- Deployed and operated containerized applications on AWS ECS (EC2-backed) behind Application Load Balancers, using Docker and Nginx for reverse proxying, TLS termination, and production hardening.
- Introduced Terraform-based infrastructure as code and CI/CD workflows across OrkaChat's AWS serverless backend (Lambda, API Gateway, DynamoDB, Cognito), enabling reproducible staging environments and safer deployment workflows.
- Implemented unit and end-to-end testing using Jest and Playwright to validate serverless APIs and critical user flows prior to deployment.
- 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.
- Diagnosed and resolved production issues using observability and audit tools such as CloudWatch, CloudTrail, X-Ray, and browser DevTools, proactively identifying root causes before escalation.
- Delivered multiple client web builds, supporting rapid iteration and frequent deployments.

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

- Instructed and operated high-performance, instrument-rated, and complex aircraft, including adverse-weather and aerobatic instruction.

PROJECTS

- **OrkaChat** (chat.Orkaos.com) React Native/Node.js real-time chat for web, Android, iOS, using WebSockets and RESTful APIs, API Gateway, DynamoDB, asynchronous Lambda functions, and AWS Cognito. Terraform-managed staging backend and Amplify Frontend for CI/CD. Tested with Jest and Playwright to support reliability. Live on Google Play Store and iOS App Store release pending review.

- 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 (Lambda, API Gateway, DynamoDB, Cognito, ECS/EC2), Terraform, Amplify, Docker, Nginx, GitHub Actions, CodePipeline, CI/CD

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

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

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

Observability:
CloudWatch (logs, metrics), CloudTrail, X-Ray

Technical Focus:
Full Lifecycle Development, Serverless Architecture, Microservices, CI/CD, Cloud-Native systems

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

Soft Skills: Leading a team, professional collaboration, Agile methodology

CERTIFICATIONS

AWS Certified Developer Associate

EDUCATION

University of Mary Washington
2006-2010
Bachelors, Economics