

# Evan Perry

Full Stack Software Engineer | Denver, CO

[EvanPrograms.com](https://EvanPrograms.com) · [linkedin.com/in/EvanPrograms](https://linkedin.com/in/EvanPrograms) · [github.com/EvanPrograms](https://github.com/EvanPrograms)

## ABOUT ME

Former commercial pilot with over a year of professional experience as a **Full Stack Developer** and **Certified AWS 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 strong 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 CloudWatch, X-Ray, and browser DevTools, often 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](https://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](https://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](https://Projxon.com) Corporate website using Next.js, TypeScript, Docker, CMS Integration, Google Analytics and Google Tag Manager, deployed with AWS, Docker/Nginx.

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## 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

### Technical Focus:

Full Lifecycle Development, Serverless and Microservice Architectures, CI/CD Automation, Cloud-Native systems

### AI Tools:

ChatGPT, Claude.ai, GitHub Copilot, Cursor

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

## EDUCATION

### University of Mary

Washington

2006-2010

Bachelors, Economics

**AWS Certified Developer Associate**

## LANGUAGES

English, Portuguese

## REFERENCES

Available on Request