

# Conner Reavill

Full-Stack Developer | Next.js & Serverless Architectures  
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## Professional Summary

Full-Stack Developer with a deployed AI-powered platform integrating OpenAI and Claude APIs on Next.js and AWS serverless. Combines responsive frontend development (React, Tailwind) with event-driven backend architecture (Lambda, SQS, MongoDB) and LLM-driven data pipelines. AWS Solutions Architect certified.

## Technical Skills

**Web & Databases:** React.js, Next.js 14, Tailwind CSS, React Hooks, Context API, Jest/Testing Library, REST APIs, MongoDB, PostgreSQL, MySQL, Redis

**Programming:** JavaScript/TypeScript, Python, Node.js, Java, SQL, Bash

**Cloud & Infrastructure:** AWS (Lambda, S3, CloudFront, API Gateway, Amplify), CI/CD, Docker, Kubernetes

**Developer Tools:** Git, Webpack, Babel, Jira, Figma

**AI/ML Integration:** LLM APIs (OpenAI GPT-4, Claude, Whisper), Prompt Engineering, AI-Driven Workflows

## Technical Projects

**Social Spork:** AI-Powered Recipe Platform | social-spork.com

- Built responsive UI with Next.js 14 (SSR/SSG) and React Hooks, optimizing initial load times and Core Web Vitals performance.
- Integrated MongoDB with full-text search and aggregation pipelines for low-latency, complex query serving
- Designed a decoupled, event-driven serverless backend (AWS Lambda/SQS) enabling independent scaling and non-blocking user experience.
- Integrated OpenAI and Claude APIs for automated content extraction, implementing prompt engineering and structured output parsing for reliable AI-driven data transformation.

**Wave-Finder:** ML-Powered Surf Forecasting Platform | thewavefinder.com

- Designed a high-availability global distribution architecture using AWS S3, CloudFront, and Route 53 to ensure efficient content delivery to users worldwide.
- Implemented a secure serverless backend (API Gateway/Lambda) integrated with Aurora DB, showcasing experience operating and scaling online data serving infrastructure.
- Utilized Infrastructure as Code (AWS SAM/Terraform) and automated CI/CD via GitHub Actions for performant, reproducible deployments.

## Professional Experience

**AI Data Specialist** | DataAnnotation.tech | March 2024 – Present

Trained large-scale language models by curating datasets and evaluating system outputs for accuracy and coherence. Leveraged remote flexibility to pursue advanced cloud architecture training and certification.

**Front End Developer** | BadabingMP | 2022 – 2023

Developed and maintained a responsive React.js web application, managing the full development lifecycle from wireframe to deployment. Established a robust CI/CD pipeline using GitHub Actions, reducing manual deployment errors by 40% and accelerating feature delivery. Managed production builds deployed to AWS S3 + CloudFront, leveraging serverless static hosting to improve global load times.

**Systems Engineering Intern** | Visa Inc. | Summer 2022

Optimized mission-critical mainframe (z/OS) systems processing millions of daily transactions, ensuring system stability. Collaborated with senior engineers on high-availability design principles for mission-critical financial systems.

## Education & Certifications

California Polytechnic State University | Bachelor of Science in Software Engineering | May 2024

AWS Certified Solutions Architect – Associate | November 2025