

# Conner Reavill

Cloud Engineer | AWS Serverless & Infrastructure

(931) 303-2921 | reavill.conner@gmail.com | San Diego, CA

Conner-Reavill.com | linkedin.com/in/creavill | [github.com/creavill](https://github.com/creavill)

## Professional Summary

AWS-certified Cloud Engineer operating a production serverless platform at ~\$75/month through cost-optimized Lambda, SQS, and S3 architecture. Specializes in Infrastructure as Code, event-driven systems, and AI/ML pipeline integration.

## Technical Skills

**Cloud Infrastructure:** AWS (Lambda, S3, CloudFront, API Gateway, SQS, Route 53, Secrets Manager, Amplify), Serverless Computing, Monitoring & Observability (CloudWatch), Cost Optimization

**Infrastructure & DevOps:** Infrastructure as Code (AWS SAM, Terraform), CI/CD (GitHub Actions), Container Orchestration (Docker, Kubernetes), Serverless Framework

**Distributed Systems:** SQS (Event-Driven Architecture, DLQs), High-Availability Global Distribution, Resilience Engineering, Fault-Tolerance

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

**AI/ML Integration:** LLM APIs (OpenAI, Claude), Serverless AI Pipelines

**Databases:** React.js, Next.js 14, MongoDB, PostgreSQL, MySQL, Redis

## Technical Projects

**Social Spork:** AI-Powered Recipe Platform | [social-spork.com](https://social-spork.com)

- Architected decoupled AWS infrastructure (Lambda, SQS, S3, CloudWatch) designed for independent scaling and fault isolation.
- Implemented resilience patterns via SQS and Dead-Letter Queues (DLQs), ensuring data integrity and graceful failure handling.
- Achieved ~\$75/month operating cost through serverless architecture and pay-per-use resource optimization.
- Integrated AI/ML services (OpenAI Whisper/GPT-4o, Claude API) into serverless infrastructure for automated data extraction and transformation pipelines.

**Wave-Finder:** ML-Powered Surf Forecasting Platform | [thewavefinder.com](https://thewavefinder.com)

- Designed high-availability global distribution architecture using AWS S3, CloudFront, and Route 53 to serve content efficiently and reduce infrastructure costs by 60% via serverless optimization.
- Configured Route 53 routing policies for high availability and low-latency global content delivery.
- Utilized Infrastructure as Code (AWS SAM/Terraform) and automated CI/CD via GitHub Actions for performant, reproducible deployments, reflecting a focus on streamlining and expediting new data.

## 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 complete advanced AWS cloud architecture training and accelerate certification readiness.

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

Built responsive React.js web application, managing full development lifecycle. Implemented CI/CD pipeline using GitHub Actions to automate testing and deployment, reducing manual errors and accelerating delivery.

**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