

Dylan Clemann

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Skills

Distributed Systems: AWS (Lambda, Step Functions, SQS), workflow orchestration, event-driven pipelines, PostgreSQL, DynamoDB, MongoDB

AI & Agents: MCP, Cursor Agents, Bedrock, LLM-powered internal tooling

Product & Full-Stack: TypeScript, Node, React, Next.js, Java

Platform & DevEx: CI/CD, deployment tooling, internal developer tools

Experience

Senior Software Engineer, Webflow – Remote Jan 2026 – Present

- Authored the technical design for Webflow’s site-wide branching platform and shipped its data-model foundation, replacing a 30–60s per-page copy loop with an in-database copy benchmarked at ~700ms.
- Redesigned Webflow’s enterprise site activity log architecture, migrating from MongoDB to PostgreSQL to support complex queries such as publish diff views.
 - Introduced an asynchronous SQS + worker pipeline to enrich and attribute events at write time, reducing read latency for sites with 20k+ events from ~20s to under 1s.
- Eliminated a concurrent-publish race condition in Webflow’s publishing pipeline with a Redis-based distributed lock, closing a path where simultaneous publishes queued duplicate jobs and produced mixed S3 deployments and duplicate webhooks.
- Built an autonomous Datadog alert-triage agent that launched Cursor Cloud Agents with access to telemetry, Slack, Jira, and the codebase via MCP, automating root-cause investigation, ticket creation, and draft fix PRs.

Software Engineer II, Amazon – Miami, FL June 2023 – Dec 2025

Software Engineer, Amazon – Miami, FL June 2022 – June 2023

- Led a year-long project through design, implementation, and launch of a Java-based migration system handling 1M+ daily transactions, shifting customer traffic to Prime’s new subscription service with shadow testing and real-time validation for a zero-downtime cutover.
- Optimized a workflow orchestration service (AWS Step Functions & Lambda) processing 1M+ events/day, eliminating redundant logic and workflow steps to cut costs 50% and improve execution time 30%
- Designed and shipped the QR code login and device-linking experience for Prime Video Free Trial activation on millions of LG & Samsung Smart TVs, architecting the backend services on DynamoDB and Lambda.
- Pioneered AI adoption as the team’s AI lead, building a CloudWatch tool that automated log analysis with Bedrock LLMs and mentoring teammates on agentic programming.

Software Engineer, LSQ – Orlando, FL Jan 2019 – June 2022

- Migrated a monolithic Angular application to Micro Frontends (Webpack Module Federation), enabling faster independent deployments.
- Built standardized CI/CD pipelines for multiple Angular applications with GitHub Actions and AWS CloudFormation.
- Built internal deployment tooling (Angular, API Gateway, Lambda, DynamoDB) giving engineering teams release visibility and promotion and rollback workflows.

Software Engineer Intern, LSQ – Orlando, FL Aug 2018 – Dec 2018

Software Engineer Intern, FIS Global – Orlando, FL Jan 2018 – Aug 2018

Education

University of Central Florida – B.S. Computer Science Graduated 2018