

Dylan Clemann

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Education

University of Central Florida – B.S. Computer Science

Graduated 2018

Skills

Typescript, Node, Java, AWS, React, Next.js, DynamoDB, PostgreSQL, MongoDB, Agentic Workflows, CI/CD

Experience

Senior Software Engineer, Webflow – Remote

Jan 2026 – Present

- Redesigned Webflow’s enterprise site activity log architecture, migrating from MongoDB to PostgreSQL to support complex enterprise queries such as publish diff views across site pages; introduced an asynchronous SQS + worker attribution pipeline to enrich events at write time, reducing read latency for sites with 20k events since last publish from 20s to under 1s and eliminating repeated metadata retrieval on every query.
- Built an AI-driven Datadog alert investigation tool integrated with Slack that launched Cursor Cloud Agents with access to Datadog telemetry, Slack, Jira, Confluence, and the codebase via MCP, automating root-cause investigation, Jira ticket creation, and PR drafts for likely fixes and observability improvements.

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. Implemented shadow testing and real-time validation to ensure a seamless, zero-downtime cutover.
- Led a team of two interns building an internal React/Node tool integrating service APIs to surface subscription data for debugging, on-call operations, and account managers
- Optimized an AWS Lambda & Step Functions service processing 1M+ events/day, eliminating redundant logic and workflow steps to cut costs 50% and improve execution time 30%
- Architected the backend services for Prime Video Free Trial activation on millions of LG & Samsung Smart TVs, using DynamoDB and Lambda to power a secure QR code login and device linking flow.
- Pioneered AI adoption within the team, building a CloudWatch tool that automated log analysis with Bedrock LLMs, and introducing the concept of agent scripts. Served as AI lead, mentoring teammates on agentic programming and driving effective use of AI across projects.

Software Engineer, LSQ – Orlando, FL

Jan 2019 – June 2022

Software Engineer Intern, LSQ – Orlando, FL

Aug 2018 – Dec 2018

- Migrated a monolithic Angular application to Micro Frontends using Webpack Module Federation, enabling faster independent deployments while maintaining a seamless UI.
- Automated build, test, and deployment workflows for multiple Angular applications with GitHub Actions and AWS CloudFormation.
- Built an internal deployment monitoring tool using Angular, API Gateway, Lambda, and DynamoDB to improve release visibility and support promotion and rollback workflows.

Software Engineer Intern, FIS Global – Orlando, FL

Jan 2018 – August 2018

- Built and integrated a business intelligence dashboard into an ASP.NET MVC application using SQL and Power BI.

Projects

Archivum

<https://archivum.clemann.app>

Book and media cataloging app built with React and Next.js; integrates Google Books, Discogs, and Twitch APIs.

RecipeForge

<https://recipeforge.app>

AI-enhanced recipe and meal-planning app built with React and Next.js using OpenAI and Gemini APIs.