



Cody DALTON

Enterprise Software Architect
Grand Rapids, Michigan codydalton.com
LinkedIn GitHub

ABOUT

- 10+ year Software Development experience with mastery of several programming languages.
- 5+ year Experience in Software Architecture in the education technology domain.
- Experience leading teams including Engineers, UX, Designers, Quality Assurance Analysts, and DevOps roles.
- Managed vendors from the United States, Latin America, India, and Eastern Europe.
- Played a critical technical role in 4 major acquisitions.
- Designed and implemented solutions for acquired technology interoperability and migration.

SKILLS

LANGUAGES

Java - 8+ years
 JavaScript / TypeScript - 10+ years
 Python - 5+ years
 PHP - 8+ years
 HTML / CSS - 10+ years

DATABASES

MySQL - 8+ years
 PostgreSQL - 8+ years
 Microsoft SQL Server - 8+ years
 MongoDB - 5+ years

FRAMEWORKS & PLATFORMS

Spring / Spring Boot - 6+ years
 Node.js - 8+ years
 Angular - 8+ years
 React - 8+ years
 Vue.js - 8+ years

CLOUD & INFRASTRUCTURE

Amazon Web Services (AWS) - 5+ years
 CI / CD Pipelines - 5+ years
 Docker / Kubernetes - 5+ years

TOOLS & PRACTICES

Git / Atlassian JIRA / Confluence / Bitbucket - 10 years
 Agile Process Facilitation - 10+ years
 Architecture Diagramming (Lucid, Visio) - 5+ years
 Database Design - 5+ years

SAAS & IDENTITY

Learnosity, Learning Locker, LaunchDarkly, Pendo, Sendgrid - 3-8+ years
 Okta, Auth0, Amazon Cognito - 5+ years

EXPERIENCE

• CeriFi

January 2022 - Present

Lead Software Architect

Hybrid - Alpharetta, GA

- Conduct discovery with product division leaders to determine and document business requirements across product and ecommerce domains. Collaborate on a yearly organization roadmap considering technology scope and sequence. Lead the department effort to produce and maintain a **quarterly technology roadmap**.
- Design solutions to enterprise technology problems working with stakeholders; new feature initiatives as well as completing the **transition of dozens of acquired technologies**, infrastructure, and data to one technology ecosystem.
- Produce logical design artifacts including diagrams in **UML and ERD** formats and present them to other architects and development team leaders.
- Design and implement organizational strategies for **continuous integration (CI) and continuous delivery (CD)**. Launched a shared build and deploy pipeline between Bitbucket and AWS in a microservices system architecture.
- Ensure technical standards are met and exceeded; a yearly **SOC2 compliance audit** as well as lead the response to dozens of ad-hoc security evaluations by industry leading customers in the government and financial sector.
- Create proof of concepts (POC) for architectural designs; AWS CI/CD pipelines, Salesforce, Learnosity, LaunchDarkly, Discourse, and **LTI integrations**.
- Present technology initiatives to the broader organization on a regular basis. Performed presentations on **Learning Tool Interoperability (LTI)**, observability tools, and yearly long term technology strategy.

• Imagine Learning

January 2020 - October 2021

Software Engineering Manager

Scottsdale, AZ

- Manage a team of three Software Engineers and two Quality Assurance Analysts for the Consumer Software division. Facilitated the launch of a **next generation e-commerce platform** leading to easier subscription management for customers.
- Develop technical standards and participate in **cross-team dependency planning** and architecture design.
- Facilitate production support for consumer applications. Act as **incident commander** during multiple high-impact production incidents including outages.
- Migrate applications hosted on legacy infrastructure; physical datacenters and Microsoft Azure to **AWS EKS** cloud infrastructure.

Staff Software Engineer

Scottsdale, AZ

- Lead **4 teams of software engineers** developing enterprise learning platforms.
- Participate in cross-team technology planning and discovery with the product management team. Refine requirements to determine acceptance criteria.
- Migrate legacy platforms to the cloud (AWS) from physical data centers; a LMS with over **200 thousand users** and 30 thousand monthly active users as well as shared services.
- Facilitate recurring cross team collaboration sessions. Make **logical design decisions** and artifacts providing development teams guidance for physical design and implementation.

• Glynlyon Inc.

October 2014 - December 2019

Staff Software Engineer

Chandler, AZ

- Lead **3 teams of software engineers** developing enterprise learning platforms.
- Participate in cross-team technology planning and discovery with the product management team.
- Present information sessions to the broader technology teams; front and back end development best practices, **automated testing frameworks**, and other topics.
- Estimate, create physical design for, and implement new features in support of business initiatives; **learner dashboards**, a dynamic instructor gradebook, and many more.

Senior Software Engineer

Chandler, AZ

- Estimate, create physical design for, and implement new features; HTML5 and media asset migrations, a new platform for **entitlement management**, and ecommerce integrations.
- Conduct **technical deep dives** with team members where physical design and implementation is planned in detail.
- Designed and implemented a solution for **accessibility and WCAG compliance** ensuring accessibility for customers with disabilities.

Software Developer

Chandler, AZ

- Launched a new subscription feature allowing products to be sold in a new payment model ensuring compliance with **PCI standards** including integrations with Stripe and Authorize.net payment providers.
- Participate in code review where feedback is provided to team members. Collaborated on team **technical standards** for Git branching, Java, Python, and JavaScript.

EDUCATION & CREDENTIALS

Davenport University

April 2027
 Bachelor's Degree Cyber Defense, Specialty in Information Assurance
 Grand Rapids, MI

Amazon Web Services Cloud Practitioner

Amazon Web Services (AWS)
 Issued February 2025 · Expires February 2028

Private Pilot (PPL)

December 2021 - Present
 Licensed by Federal Aviation Administration (FAA)