

# Colin Davis

## A technology leader focused on quality and empathy

**12 years of experience** in software development, with strengths in backend development, distributed systems, and data engineering.

**Technical leader** who has mentored multiple junior developers into senior titles.

**Highly capable** developer, leading multiple large projects from inception to delivery.

## Career History

### Staff Software Engineer, Lithia & Driveway

Aug 2020 - Present

Responsible for bootstrapping a team of engineers to deliver authentication and user profile functionality on driveway.com. Established and facilitated process on the team to enable rapid delivery of high-quality software. Built and evangelized a Continuous Delivery process to improve change management and development velocity.

> Kotlin, Spring, Typescript, PostgreSQL, MongoDB, Kubernetes, Azure {Service Bus, Data Factory}, Snowflake, Redis

### Senior Platform Engineer, Airship

Feb 2019 - Jul 2020

Lead engineer on SMS/MMS/RCS delivery team, working with a scalable distributed system handling billions of messages a day. Led migration of SMS processing code from Python 2.7 to Java to better fit the larger ecosystem.

> Java, Scala, GCP, Bigtable, PubSub, Python, Protobuf, gRPC

### Software Engineer IV, Change Healthcare

Apr 2014 - Feb 2019

Built a cloud-first distributed application as an initial hire on a skunkworks team to prove out cloud engineering for the larger enterprise. Designed and built push-button deployment of cloud applications - microservices, databases, message queues, and all, enabling rapid testing in a complex environment. Designed, tested, and maintained core libraries for other development teams. Built tooling for cross-account management of network and user resources, decreasing provision time by a factor of 10.

Attained *AWS Developer - Associate* and *Solutions Architect - Associate* certifications.

> Java, Python, Spring, AWS {EC2, DynamoDB, IAM}, Jenkins, RabbitMQ, PostgreSQL, Elasticsearch, Redis

## Software Developer, EnviroIssues

Apr 2012 - Apr 2014

Designed and implemented a one-click data import system for non-technical personnel, saving hundreds of person-hours of data entry. Worked closely with users both in-house and externally to drive requirements and prioritization of features. Created a client-facing API to enable full automation of data entry for external customers.

> C#, .NET MVC, Javascript, jQuery, MSSQL

## Earlier Roles

**Freelance Web Designer**, 2011-2012

**Tech Support Help Desk** at Knight Library, University of Oregon, 2009-2011

## Education

**Bachelor of Arts in Linguistics**, University of Oregon, 2011