J.D. Hoglan

hoglan.jd@gmail.com   903-280-8956
www.linkedin.com/in/hoglanjd

Experience

SOFTWARE ENGINEER, GOOGLE; SAN FRANCISCO BAY AREA: MAY 2018 – JULY 2022

▸ Software Engineer on a project focused on automating the creation of a full stack template for internal web-apps to launch in a production environment. This effort involved generation of thousands of lines of code and coordinating cross functionally to establish and integrate with APIs across innumerable internal services to create boilerplate, security, and access protocols. Ultimately this saved hundreds of ENG-hours for teams launching internal applications.

▸ Front-end specialist on a multi-team initiative to migrate a legacy WYSIWYG application builder from sunset infrastructure (GWT) to an entirely modern stack. This resulted in a low-code application builder that ran on the best-practice stack for internal applications.

▸ Full-stack developer on a web-app used by customer support agents to place and receive phone calls to support Google products, built on Angular Dart and a Java.

▸ Coordinate cross-functionally to design a system that calculated and communicated information about the availability of customer support agents to downstream services, overhauling the existing system from supporting one (voice) to multiple (voice, chat, email, etc.) communication channels.

▸ Instructor for internal courses introducing developers to best practices for full-stack internal web-apps. Led multi-day sessions as an instructor for 8-12 person lecture and workshop sessions, as well as adding onto and improving existing learning resources.

SOFTWARE ENGINEER (DATA), FIRST ORION; LITTLE ROCK, ARKANSAS: JUNE 2016 – MAY 2018

▸ Implementation of an in-network monitoring solution for telecommunication carriers (powering T-Mobile's Scam-ID), which analyzes tens of thousands of calls per second in order to label suspicious callers with a caller-id name of "Scam Likely."

▸ Implemented real-time ingestion and ETL via Spark Streaming of data and transactions published by over 8 million users of First Orion applications, for use in real-time data analytics and data analysis platforms.

▸ Design and implementation of high-performance reading and writing operations to Aerospike, a distributed No-SQL platform, resulting in over a 10x speedup above the previous MySQL-based system.

Education

HENDRIX COLLEGE, CONWAY, ARKANSAS (2012 – 2016)

▸ Bachelor's of Art in Computer Science

Skills

▸ Languages: Java, Scala, Dart, Typescript/Javascript, HTML/CSS/SCSS

▸ Frameworks / Other: Angular, Apache Spark, SQL, NoSQL, Linux, AWS, Git