Jacob Harter
Senior SW Engineer, Google Cloud Architect

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Project Profiles
github.com/
jbharter

Programming
Software Languages
Java 11+, Scala, ES6,
C++
Distributed
Spark
Cloud
Google Cloud Platform
Systems Administration
Okta

OS Proficiency
MacOS
Linux (Debian preferred)
Windows

Experience

01/21 -	**Senior Software Engineer**	LiveRamp Inc. Little Rock, Arkansas

Infrastructure DevOps Worked with a group of engineers to establish developer best practices, while supporting cloud infrastructure for the entire organization. As a team, create and maintain building blocks of cloud infrastructure to empower teams to create and deploy infrastructure and applications in a safe, repeatable, and compliant manner. Leveraged technologies include GKE, Kubernetes, Hashicorp Terraform and Vault, GitOps, Spinnaker, Helm, and more.

01/17 - 1/21	**Software Engineer, Analyst**	Acxiom Corp. (LiveRamp, Oct 18), Little Rock, Arkansas

Data Services API *A low latency entity resolution platform* Worked with a geographically diverse group of engineers to develop and grow the Data Service API. Sub-projects encompassed a diverse range of technologies and responsibilities, from developing connectors to deploy legacy code in modern distributed computed frameworks, such as Apache Hadoop, and Apache Spark, to expanding the capabilities of the API using the Spring framework.

Technologies

- **Cloud Driven Application Development** Explored the cloud native ecosystem through the process of modernizing and migrating our full stack to distributed microservices through Dockerization, deployment, and change management strategy. Utilizing tools like Terraform, Helm and Kubernetes to orchestrate provisioning infrastructure and deploying containers.

Certifications

07/27/2018	**Google Cloud Certified Professional Cloud Architect**	Google Cloud

Through an understanding of cloud architecture and Google technology, this individual can design, develop, and manage robust, secure, scalable, highly available, and dynamic solutions to drive business objectives.

Projects

- **ML Classification Engine** From gathering the data via myriad sources, to defining an ingest process, and creating a classifier trained to classify names based on intrinsic patterns of characters using the ML library of Apache Spark.

Education

2016	**B.S. Electrical Engineering**	University of Arkansas, Fayetteville, Arkansas

Electrical Engineering
Notable Classes: Digital Signal Processing System Design, Digital Design, Senior Design, Energy Systems, Control Systems

2008 - 2012	**High School**	Little Rock, Arkansas

Catholic High School