






Suhas Hegde

Data Engineer

Curriculum Vitae
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Work

Jul 2018 - Present **Senior Data Engineer**
San Mateo

Rakuten Rewards (formerly Ebates)

- Design and implementation of cloud based Petabyte scale Data-warehouse using Snowflake, AWS & Kubernetes(EKS)
- Migration of batch-jobs/workloads(> 800) from a data-center to Kubernetes workloads running on AWS-EKS
- Implementation of Apache-Spark(distributed computing) workloads on Kubernetes using spark-operator framework
- AWS-Cloud cost optimization by using Spot instances for Apache-Spark production workloads on EKS
- Adoption of server-less computing using AWS-Lambda for data-exports to partners(from AWS -> GCP/Azure)
- Automation of Snowflake administrative tasks using Python-scripts & Github-actions
- Complete migration of all infra automation to Github-actions from Jenkins

Skills

Programming/Scripting -

- Python - Batch jobs, internal APIs & scripting for infra-automation
- SQL - Analytics, Data-warehouse maintenance
- R - Analytics, reporting
- Shell scripting

Frameworks/Services -

- Kubernetes, Docker & Helm - Batch workloads using K8s-Cronjobs and K8s-Operators(Spark-Operator & Argo-Workflows)
- AWS Services - EKS, EMR, ECR, Lambda etc.
- Snowflake - Data-warehouse storing streaming data, batch data from RDBMS and various internal/external APIs

Education

2018 **Master of Science**
Maryland, USA

Frostburg State University

2016 **Bachelor of Commerce**
Dharwad, India

Karnatak University