Suhas Hegde

Data Engineer

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Work

Jul 2018 - Present
 Data Engineer, *Rakuten Rewards (formerly Ebates)*, San Mateo.

- Design and implementation of cloud based Petabyte scale Data-warehouse using Snowflake & Kubernetes
- 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 and exploration of multicloud Spark workloads using GKE+DataProc & EKS
- Automation of Snowflake administrative tasks using Python-scripts & Github-actions
- Internal APIs to assist data-engineers with Kubernetes deployments, Docker build flows, log-access etc.
- On-going 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 - Unification of workloads using Kubernetes Cronjobs and K8s-Operators such as Spark-Operator & Argo-Workflows
- Helm - Package management for K8s
- AWS Services - EKS, EMR, ECR, ElasticCache etc.
- Snowflake - Unified data-warehouse storing streaming data from Kafka & batch data from Postgres, MySQL databases and various internal/external APIs

Education

2018 **Master of Science**, *Frostburg State University*, Maryland, USA.

2016 **Bachelor of Commerce**, *Karnatak University*, Dharwad, India.