

Rajiv Battula

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Objective

To strengthen my technical leadership skills and software engineering knowledge while creating products that have a productive and lasting impact.

Skills

Languages: Python, Ruby, Go, C, Java

Cloud: AWS, Chef, Ansible

Experience

Splunk

San Francisco, CA

Software Engineer

August 2013 - July 2018

Self Service Cloud

- Designed and implemented a service registry using Go that provided an API to monitor heartbeats from the data ingest layer.
- Extended REST APIs for components deployed on a Kubernetes cluster running on AWS.

Splunk Cloud

- Developed the building blocks for the provisioning layer of a managed cloud service to maintain clusters of EC2 instances and AWS resources.
- Used Chef and Ansible to automate the administration and monitoring of over 800 customer stacks with a diverse set of configurations in all AWS regions.
- Implemented a disaster recovery solution using Ruby to reliably backup over 200 terabytes of customer data daily.
- Created REST endpoints for developer APIs and web interfaces that provided controlled and secure access for end users to customize Splunk knowledge objects.
- Worked with PM and Ops teams to define and monitor SLIs for individual services across the cluster management layer.
- Provided direction for juniors engineers and interns to clearly define project requirements and identify quantitative metrics.
- Delivered presentations with detailed architecture overviews to potential customers and existing users at an annual users conference.

Software Engineering Intern

June 2012 - July 2013

Splunk Storm

- Worked on a Python-based SaaS product that was responsible for the ingestion, storage, and query of terabytes of customer data.
- Coordinated with senior engineers on discrete components to construct a multi-tenant and scalable web application with a REST API.

Education

University of California, Davis

September 2009 - June 2013

B.S. in Computer Science