

Mithun Cheriya

7600 East Caley Avenue, APT 427, Centennial, CO - 80111.
mithun@cheriyath.in / +1-470-419-0816

Professional Summary

Experienced DevOps/Infrastructure Engineer with a solid understanding of operations and development to quickly deliver code to customers. Dedicated to optimization and has experience in multiple Cloud services, monitoring processes as well as DevOps practices on multiple platforms.

Core Qualifications

- Experienced in design, develop, deploy and manage scalable architecture
- Experienced with Cloud Computing for more than 6 years
- Excellent configuration management using Ansible
- Extremely knowledgeable about CI/CD integration
- Facility with development methodologies including Agile
- Understands Interpreted languages including Python and PHP
- Strong use of Shell scripting languages including bash for Linux

Technical Skills

Cloud Services: Amazon Web Services, Google Cloud, Windows Azure, Digital Ocean, Rackspace, OpenStack, Heroku

Web Server Administration: Apache, Nginx

Database Server Administration: Amazon RDS, PostgreSQL, MySQL, Google Cloud SQL

Scripting: Bash, PHP, Python

Continuous Integration: Jenkins

Server Orchestration: Ansible, Chef Basics, Puppet Basics

Source Control: Git, Subversion

Data Analytics: Apache Hadoop, Zookeeper, Storm, Flume, HDFS, Google BigQuery

Virtual Environment Tools: Vagrant, Virtualbox, Docker

Certifications

- AWS Certified Solutions Architect – Associate
- Google Cloud Platform Developer

- Google Cloud Storage Qualified Developer
- Google Cloud SQL Qualified Developer
- Google BigQuery Qualified Developer
- Google Compute Engine Qualified Developer
- AWS Business Professional
- AWS Technical Professional
- Red Hat Certified Engineer
- Cisco Certified Network Administrator

Experience

October 2016 - till now

DevOps Engineer | Prokarma Inc | Denver, CO, USA

Key Projects

Infrastructure Migration

Migration of a health care product from Rackspace to Amazon Web Services.

Technology/Domain Coverage:

Amazon Web Services, Rackspace, Python, Chef and Ansible

Roles and Responsibility:

- Migration effort estimation
- Re-write Chef to Ansible for configuration management
- Migrate Application and database from Rackspace DC to Amazon Web Service
- Port/Configure existing monitoring of Application and Servers

January 2008 – October 2015

Technology Lead | QBurst Technologies | KERALA, INDIA

Key Projects

Supply Chain Insight

Worked for a US based client in building a Predictive and Prescriptive Supply Chain Analytics Solutions.

Technology/Domain Coverage:

Amazon Web Services, Python, Wildfly, Java, Cassandra, Apache Spark, Cloudera CDH5, Apache Kafka, Docker, Jenkins, Slack, Graylog2 and Ansible

Roles and Responsibility:

- Design, build, deploy and automate end-to-end infrastructure on Amazon Web Services
 - Implement and manage continuous integration of workflows for projects and products on multiple platforms
 - Identify, diagnose, and resolve complex technology issues efficiently in live production environment and drive to quick resolutions – as well as – leverage those events to improve current technology & processes towards prevention of such issues.
 - Analyze project delivery results by conducting system audits of implemented technologies
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Smart TV App

An application that provide feeds on Smart TV based on the program schedules, actors, artists and ratings. This app also fetches feeds from the customer Facebook and Twitter accounts.

Technology Used:

AWS OpsWorks, AWS RDS, Java, Storm, Kafka, Hadoop, Memcache, Chef Solo, New Relic

Roles and Responsibility:

- Cloud Application Management
 - Capacity Planning and Infrastructure scaling
 - Build for Continuous Integration
 - Infrastructure Orchestration
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Glow

An online collaborative development platform with real-time code validations, external software versioning support, built in continuous integration and one-click deployment.

Technology Used:

Ansible, Docker, Digital Ocean, Jenkins, Gitlab, Cacti

Roles and Responsibility

- Build developer environment stacks
 - Project automation for building, testing and deployment on multiple cloud platforms
 - Monitor and support systems
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ISP Customer Service Intranet

An intranet portal supporting more than 1 million active customers for internet and telephone services. Mainly used by customer service agents to troubleshoot issues related to billing and service features.

Technology Used:

LAMP, JBoss, Git, Docker, Xen

Roles and Responsibility

- Active development on Live Code
 - Optimizing Billing Modules
 - Developer-POD Environment Setup
 - Software lifecycle Management
 - Backup solutions
 - Monitoring and maintenance
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FISH EYE

Social networking platform for employees within an organization located at multiple geographic location.

Technology Used:

Google Cloud Platform, Google Maps API, Java, Docker, Cloudera CDH

Roles and Responsibility:

- Architecting Infrastructure
- Automating SDLC with Continuous integration and deployment
- Monitoring solutions

- Backup solutions
- Disaster Recovery

July 2006 – January 2008

Linux Administrator | Vanilla Networks Pty Ltd. | KERALA, INDIA

Roles and Responsibility:

- Server Virtualization using VMware and Xen
- Technical Support for clients in US/Europe
- PHP Web Development for Content Management with WordPress
- System Administration for DNS and Mail Exchange
- Securing Infrastructure with Open source Solutions
- Configuring VLAN and IP-PBX