

**Kusum Kumari** 

AWS Certified Application Operations Engineer seeking roles in Software Configuration Management, Build Management, Release Management, Continuous Integration, Application Deployment, MySQL, Linux Shell Scripting, Splunk, Spinnaker, Jenkins, Docker, Ansible

Current Designation: Site Reliability Engineer

Total Experience: 3 Year(s) 0 Month(s)

Current Company: Intuit

Highest Degree: B.Tech/B.E. [Information Science and Engineering]

Current Location: Bengaluru / Bangalore

Pref. Location: Bengaluru / Bangalore, Chennai, Hyderabad

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Application Operations Engineer, Software Developer, Software Configuration Management, Build Management, Release Management, Continuous Integration, Application Deployment, MySQL, Amazon Redshift, Linux Shell Scripting, Splunk, Spinnaker, Jenkins, Docker, Ansible

Verified : Phone Number | Email - id

Last Active: 21-Jan-21

Last Modified: 21-Jan-21

## Summary

Skilled DevOps Engineer with 3 years of hands-on experience in supporting and developing automation solutions with expertise in leveraging AWS cloud services ( AWS Certified Solutions Architect - Associate ) and various monitoring tools.

## Work Experience

**Intuit** as Site Reliability Engineer  
Aug 2017 to Till Date

**Intuit** as Application Operations Engineer -DevOps  
Aug 2017 to Jul 2020

### Automation

Successfully automated the daily monitoring process by creating ' wavefront ' dashboards with detailed alerting, integrated with terraform ( & serverless framework to deploy AWS Lambda ). It helped in reducing any manual intervention involved in the status verification of the production jobs. Worked on visualizing, optimizing and monitoring cost for 'Amazon Redshift Spectrum' by creating dashboards to analyze daily costs of queries run by users, time taken to run the queries, top 'X' consumers, monthly cost trend, daily spent on weekdays vs weekends etc. with detailed alerting. As a part of 'Cost Optimization Project', used ML algorithms ( LR and multiple LR model ) to forecast AWS resource costs.

Was part of a 4 membered team which successfully automated the 'data movement requests' from across data warehouse software ('Apache Hive' to 'Vertica' and vice versa).

Was part of a 3 membered team which successfully automated the parallel processing of JVM operations in Python.

### Operations

Successfully automated the verification of daily deployment process with shell script.

Successfully delivered my role as an ' On-Call engineer ' to maintain software hygiene and fix bugs, monitoring the ingestion framework for almost 2 years and worked across time zones to ensure collaboration with other teams overseas.

Monitored daily jobs using various organization's standard monitoring tools.

Technical Skills  
Programming Languages  
Proficient in Python: Industry level scripting (computations using AWS Lambda), interaction with other languages & platforms (Databases: MySQL, Amazon Redshift); familiar with ML libraries (numpy, scikit-learn, pandas, matplotlib etc)  
Working Knowledge of Linux Shell Scripting, C (with college level assignments and algorithms) & MATLAB (internship experience with image processing libraries and graph theory)  
DevOps tools  
Proficient in Tidal Workload Automation & Wavefront monitoring tools.  
Working Knowledge of Splunk, Spinnaker, Jenkins, Docker & Ansible

Education

UG: **B.Tech/B.E. (Information Science and Engineering)** from **Sri Jayachamarajendran College of Engineering (SJCE)** in **2017**

IT Skills

Skill Name	Version	Last Used	Experience
MySQL			
Amazon Redshift			
Linux shell Scripting			
C			
MATLAB			
Splunk, Spinnaker			
Jenkins, Docker & Ansible			

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				
Maithili				

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent  
Employment Status: Full time