


UMESH KUMHAR

Pune | (+91)9680-208-222 | write2umeshkumhar@gmail.com |  @umeshkumhar

DevOps Engineer

Kubernetes | Cloud Computing | CI/CD & Automation | Programmer

SUMMARY

- Hands-on DevOps Engineer with 2+ years of in Cloud Server Administration, Architecture, Designing, Deployment, Configuration, Migration, Troubleshooting, Server Hardening & Security.
- Looking for a challenging career where there is scope for Demonstration, thrive for Imagination & Passion is valued.

TECHNICAL SKILLS

Languages & Scripts:	Java, Python, Bash, SQL, Spring Framework
Web Technologies:	Bootstrap, ReactJs, NodeJs Express
Web Servers:	Apache, Nginx
Cloud:	AWS(EKS, EC2,VPC,S3, EMR, Redshift, Lambda, Route53,RDS,ECR,Cloudwatch), GCP(GKE, Compute Engine)
DevOps:	Docker, Kubernetes, Jenkins, SonarQube, Maven, Nexus
Kubernetes:	Prometheus, Grafana, EFK, Istio Mesh, Fluentd, Logz.io
Data Stores:	MySQL, PostgreSQL, MongoDB
Version Control:	Git, SVN, GitLab, Code Commit
Operating Systems:	Linux (RHEL, CentOS & Amazon Linux), Windows

PROFESSIONAL EXPERIENCE

DevOps Engineer, Product Engineering
Saama Technologies | Pune, MH

Sept 2017 – Present

Key Duties:

- Responsible for designing, architecting product CI/CD Pipeline (Saama Fluid Analytics)
- Manage end-to-end product integration and deployment which includes:
 - Working with Engineering leadership & product management and define new platform features
 - Own & lead product feature implementations
 - Be hands on and develop product along with Engineering team members & managing product releases.
- Participate in Product release & business demo sessions for the platform
- Conduct workshops for both Technical & Business team members to help them get hands on product automation pipelines.
- Participate in Recruitment activities

Projects:

→ **Modern Analytics Platform (Saama Fluid Analytics Engine)**

- Automated build and deployment using Jenkins, Nexus, SonarQube to reduce human error and speed up production processes
- Setup Dev & QA Cloudera In-house Hadoop Cluster for Big Data Jobs.
- Managed GitLab & SVN repositories and permissions, including branching and tagging.
- Building/Maintaining Docker container clusters managed by Kubernetes, Linux, Bash, GIT, Docker, on EKS.
- Create Dockerfiles and manage the respective images in ECR using CI pipeline
- Designed and Developed Redshift migration automation scripts using Python.

→ Life Science Analytics Cloud

- Managed Amazon Web Services for the project including configuration and deployment of all required infrastructure, administrative tasks, and budgeting.
- Setup and Configured Dev Kubernetes Cluster Workloads in On-premises kubernetes cluster.
- Implemented a production ready, load balanced, highly available, fault tolerant Kubernetes infrastructure (EKS).
- Configured HIPAA Compliance ready Infrastructure in Amazon Web Services using multiple services from scratch.
- Constructed a RESTful API to monitor AWS infrastructure services using Python and Flask.
- Create and maintain fully automated CI/CD pipelines for code deployment using GitLab CI and Shell script.
- Working on Java Spring Boot Application to deploy and maintain kubernetes application.

→ Clinical Deployment Optimiser

- Automated deployment of web applications, bindings and configuration settings using a combination of GitLab CI and Kubernetes deployment for the project including configuration and deployment of all required infrastructure, administrative tasks, and security.
- Performing updates and upgrades on the systems currently on the network for performance and auditing purposes.
- Building/Maintaining Docker container clusters managed by Kubernetes, Linux, Bash, GIT, Docker, on EKS. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test, deploy.

ADDITIONAL ACTIVITIES

- Participation in AWS, Azure, ReactJs and Python Bootcamp Programs
- Speaker and Host for Official Docker Meetup Pune at Saama Technologies
- Speaker at different Tech Meetups held in Pune
- Performed 5+ Technical techtalk in Saama Technologies
- Also written technical blogs on Internet.
- Developed Retro Board Utility for Retrospective Meetings Members in Python Flask & ReactJs

AWARDS & RECOGNIZATION

- MongoDB for DBAs and Java Developer, MongoDB University
- Hadoop Foundations Level 1 & 2, IBM Badge
- Hadoop Programming & Data Access Level 1, IBM Badge
- Winner of Saama Global Hackathon – 2019
- Won Internal Saama AWS Cloud Serverless Coding Challenge
- Saama Shining Star – 2018, 2019 (Saama Technologies)