

SUDHANSHU MALL

Email: mall.sudhanshu90@gmail.com

Mobile: +91-9901168729

Career Objective

B.Tech (IT) Graduate having keen interest in Linux and working as a DevOps Engineer with a startup product in Sterling and Wilson, Bangalore. I would like to build career with leading corporate. where I can use my knowledge & skills and work in a challenging environment for the growth of the organization

Academic Qualification

Examination	Board Of Examination	Institution	Year of Passing
B.Tech (Information Technology)	Punjab Technical University	Punjab College of Engg. And Technology, Mohali, Punjab	2013
XII (Mathematics, Physics and Chemistry)	C.B.S.E	Happy Model School, Varanasi	2008
X	C.B.S.E	Sunbeam Lahartara, Varanasi	2005

Technical Proficiency

Scripting Language	:	Shell Scripting, AWK
Operating System	:	Linux (Centos, Fedora, Ubuntu, Redhat)
Monitoring Tools	:	Nagios, AWS CloudWatch
Database	:	MySQL
CI/CD Tools	:	ThoughtWorks GoCD, Jenkins
Log Management	:	Logentries, ELK, AWS CloudWatch Logs
Development Tools	:	Git, Jira, Open Project
Configuration Mgmt. Tool	:	Ansible
Container Services	:	Docker
Containerization Tool	:	Docker Swarm
Cloud Infra	:	AWS (ELB, VPC, VPC Peering, EC2, S3, RDS, RDS Read Replica, CloudWatch, IAM, Auto Scaling Group, Security Group and other AWS services)
Webserver	:	Nginx

Employment Details

- > **Currently working at Sterling Wilson India Private Limited, Bangalore as Technical Manager - DevOps 1st July 2019 to Present**
 - Worked on building up the AWS Infra right from scratch like VPC, Subnet, Routing table creation etc
 - Own End-to-end Design, implementation and management of CI/CD using Jenkins, Software Configuration Management (SCM) using Ansible and best practices in Industry
 - Implemented Ansible for CD using Jenkins
 - Helped Sterling and Wilson to Dockerize their application and used Docker Swarm for High Availability to deploy their container

Previous Employment Details

- > **Currently working at Kagami India Private Limited, Hyderabad as DevOps Engineer - I 12th Jan 2017 to 28th June 2019**

- Created new AWS VPC, public / private subnet, routing table, Internet gateway
- Implemented Jenkins for CI
- Implemented Ansible for CD using Jenkins
- Integrated Slack with Jenkins to get notifications of any failure on Slack Web/Mobile App
- Implemented Log Management using CloudWatch Logs
- Doing Production/Staging Deployments
- Provisioning servers for Staging and Production environments
- Written jobs to automate deployment process for staging and production environment using Ansible and Jenkins tool
- Deployment of new hosts in Amazon cloud
- Making customized bash scripts using AWK, Sed
- Installing and upgrading software packages using apt and yum utilities
- Configured MySQL Master-Slave and Master-Master replication setup
- Migrated EC2 machines from one region to another region in AWS
- Written script to create/delete users on multiple AWS EC2 instance using SSH-Keygen file
- Written script for AWS cost optimization
- Written scripts to take backups and uploading the same on AWS S3 like MySQL, MongoDB backups
- Configured SonarQube and integrated the same with Jenkins to check code quality
- Configured free SSL certificate using letsencrypt
- Hosted PHPMyAdmin on AWS EC2, so that Engineering team can easily connect to MySQL Database of different environments
- Handled domains, sub-domain, ssl certificates from services providers like GoDaddy
- Other tasks and responsibilities as assigned

➤ **Zinka Logistics Private Limited, Bangalore as DevOps Engineer - I**
15th Mar 2016 – 18th Nov 2016

- Building CI/CD pipelines
- Involved in Production/Staging Deployments
- Provisioning of servers for Staging and Production environments
- Implemented Log Rotation
- Implemented Nagios for monitoring BlackBuck Infrastructure
- Implemented ELK for Log Management
- Involved in AWS cost optimization
- Written shell script to upload backup to AWS S3
- Written jobs to automate deployment process for staging and production environment using GoCD tool
- Written jobs to collect system and application data
- Deployment of new hosts in Amazon cloud
- Setup monitoring for various components/hosts of BlackBuck
- Debug server wide and application issues for production and staging environment
- Develop and maintain installation and configuration procedures
- Involved in writing customized bash scripts using AWK, Sed and maintaining existing scripts
- Installing and upgrading software packages using rpm and yum utilities
- Handled domains, sub-domain, ssl certificates from services providers like GoDaddy, BigRock
- Other tasks and responsibilities as assigned

➤ **Flipkart Internet Private Limited, Bangalore as Product Solution Engineer – I,**
24th Nov 2014 – 11th March 2016

- Identify root causes of technical issues in production and failures
- Interact with project teams for new products development giving insights from technical issues of previous products
- Monitoring of UNIX/Linux servers continuously and resolving the system related issues if any occurred as 24/7 production support
- Writing custom scripts to monitor server load, disk space, adding cron scripts, etc
- Involved in writing MySQL queries

- Providing L2 support and identifying all issues and preparing appropriate documentation of all issues and solutions
- Providing support of incoming tickets, including extensive troubleshooting tasks
- Making customized bash scripts using AWK, Sed and maintaining existing scripts

➤ **Justdial Limited, Bangalore as Junior Linux System Administrator,
3rd Feb 2014 – 21st Nov 2014**

- Analyzing system logs and indentifying potential issues with live production servers and recommend ways to optimize performance and provide solution to problems and prepare reports for all such problems
- Automation of daytoday tasks and production processes by making customized bash scripts using AWK, Sed and maintaining existing scripts
- Scheduling day to day tasks using cronjobs
- Migration of data between servers using scp, rsync, Monitoring of UNIX/Linux servers continuously and resolving the system related issues if any occurred as 24/7 production support
- Managing User / Group Administration
- Creating file systems, disk partitioning and trouble shooting
- Monitor system availability, load, and system capacity
- Troubleshooting issues with live production servers and ensuring that the live servers are up and running
- Performing root cause assessment and debug all issues on server domain and availability of applications
- Provide support and identify all issues and prepare appropriate documentation of all issues and solutions
- Ticket assessment on daily basis
- Documentation of server configurations, and scripts, and all other relevant information in a repository to share information
- Other duties and responsibilities assigned

Extracurricular Activities

- LINUX course from Indian Institute of Science, Bangalore in 2013
- Participated in 1day AWS Essential training program organized by Amazon in June 2014
- Participated in various organized GD and seminars at college
- Participate in cultural Programs within College

Strengths

- Willing and confident
- Positive attitude
- Flexible, Dynamic and efficient
- Good Communication
- Hard Working
- Quick Learner

Hobbies

- Listening music
- Traveling
- Net Surfing

Languages Known

English and Hindi

Personal Profile

Name	:	Sudhanshu Mall
Father's Name	:	Ravi Shankar Mall
Mother's Name	:	Shobha Mall
Date of Birth	:	05 th July 1990
Gender	:	Male
Marital Status	:	Single
Nationality	:	Indian
Present Address	:	A-104 Sekhar Bellevue, Balagere Road, Bangalore
Permanent Address	:	1305 – B Tower 2 Panchsheel Wellington Crossing Republik Ghaziabad, Uttar Pradesh - 201016

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Place : Bangalore