

# Rahul Kumar

B.TECH-Information Technology

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## OBJECTIVE

Looking for an innovative and challenging environment that can fully utilize my capabilities and provide me with an opportunity to be part of the development of the organization.

## WORK EXPERIENCE

DevOps Engineer with OpsTree of total 6 years and 6 months of experience and well versed with knowledge over Cloud Infrastructure (AWS), SCM (Ansible), CI/CD (Jenkins), Spotinst, and Linux Administration.

## TECHNICAL SKILLS

Cloud Infrastructure	:	AWS, EC2, ELB, Auto Scaling, IAM, VPC, Load Balancing, ECS, ECR, CodeDeploy, RDS, SQS, SNS, CloudWatch, DMS Service (Data Migration Service)
Scripting Languages	:	Shell Script
Continuous Integration	:	Jenkins
Orchestration tools	:	Ansible
Web Server	:	Nginx, Apache-Tomcat, Apache
Version Control	:	Git, GitHub, Gitlab, Bitbucket
Database	:	MySQL, RDS
Operating System	:	Linux (Ubuntu & CentOS)
Build Tool	:	Maven, Gradle
Containerization	:	Docker, ECS, EKS, Kubernetes
Infrastructure Automation	:	Terraform
Monitoring tools	:	Prometheus with Grafana, Nagios, New Relic (Infra + Api Monitoring), AppDynamics, Anodot
Central Logging	:	ELK, SumoLogic
Continuous Cloud Optimization	:	SpotInst (Spotinst automates cloud infrastructure to improve performance, reduce complexity and optimize costs.)

## EMPLOYMENT SUMMARY:

EMPLOYER NAME	DURATION
Digit88 Technologies Pvt Ltd	APR 20 - Till Date
TECHPRIMO SOLUTIONS PRIVATE LIMITED (OpsTREE SOLUTIONS)	APR 19 - APR 20
APPINVENTIV TECHNOLOGY PVT. LTD.	MAR 18 - APR 19
LUMATA DIGITAL PVT. LTD.	JUNE 14 - JAN 18

## **KEY PROJECTS**

### **PROJECT @ Digit88**

#### **Lead DEVOPS ENGINEER**

##### **Roles and Responsibilities:**

- Handling team of five members of Devops and four members of Noc. Assigning the task to all members.
- Create an inspiring team environment with an open communication culture.
- Implemented a production ready, load balanced, highly available, fault tolerant Kubernetes infrastructure.
- Containerized all the services related applications – SpringBoot and Node.Js applications using Docker.
- Created a Continuous Delivery process to include support building of Docker Images and publish into a private repository- Nexus v3.
- Responsible for installation & configuration of Jenkins to support various Java builds and Jenkins plugins to automate continuous builds and publishing Docker images to the Nexus repository.
- Monitor team performance and report on metrics
- Listen to team members' feedback and resolve any issues or conflicts
- Worked on implementing the Grafana and kibana.
- Created multiple dashboards in Grafana and even in Kibana on logs basis for monitoring purposes.
- On a weekly basis I give the session to Noc guys, so they can learn devops tools and monitoring.

### **PROJECT @ OPSTREE**

#### **DEVOPS ENGINEER**

##### **Roles and Responsibilities:**

- Set up highly available CI/CD dev. environment using Ansible/Jenkins.
- Worked with various features of the Version Control System (Bitbucket & GitHub)
- Configuration management through Ansible roles & playbook.
- Working with AWS services and utilities, Infrastructure development on AWS using various services like EC2, VPC, S3, ELB, Auto-scaling, Load Balancing, ECR and ECS etc.
- Hands on experience in Ansible installation and implementation of Ansible playbook and roles.
- Deployment procedure accomplished via Jenkins.
- Server configurations managed by Ansible.
- Hands on experience Ansible installation.
- Knowledge of Implementation of Ansible playbooks and roles.
- Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools.
- Worked with Nexus artefacts repository.
- Worked on various Monitoring tools (Prometheus with Grafana and Nagios)
- Worked with ELK for easily searching, analysing and visualizing logs generated from any source.
- Implementing monitoring and reporting solutions across a range of environments and platforms
- Setting up and introducing Continuous Deployment processes and advising on best practice

### **PROJECT @ APPINVENTIV**

#### **DEVOPS ENGINEER**

##### **Responsibilities:**

- Set up Ansible for Software Configuration.
- Used Gitlab and Github for Version Control System.
- Integrated Jenkins for build automation.
- Integrated Gitlab CI pipeline for build automation.
- Used terraform for Infra management.

**PROJECT @ LUMATA DIGITAL**  
**OPERATION ENGINEER**

**Responsibilities:**

- Monitoring performance of server through nagios.
- User management: Creation, Deletion and give right permission to users.
- Monitoring and managing client's server with agreed SLA through Nagios monitoring tool.
- Monitoring alarms and creating jira tickets and escalate tickets according to the escalation matrix.
- Software Configuration Management through Ansible roles and Playbook.

**ACADEMICS**

- B.Tech (Information Technology and Engineering) from SRM University, Chennai in 2014
- Senior Secondary School from BSEB Board, Bikramganj (Bihar) in 2010
- Secondary School from BSEB Board, Bikramganj (Bihar) in 2008

**Certifications:**

- SAA-C01:- AWS Certified Solutions Architect - Associate
- SUMO Logic Certified :- FUNDAMENTALS

**DECLARATION**

I hereby declare that all the information provided above is true and authentic.

**Place:**

**(Rahul Kumar)**

**Date:**