**Rajeev Kumar**

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**ǁ Objective ǁǁǁǁǁǁ**

Targeting challenging assignments in**IT Operations, Cross-functional Leadership and Collaboration and Client Relationship Management**with an organization of high repute in**Cloud Computing domain, DevOps tools, Automation & Middleware Domain**.

**ǁ Career Summary ǁǁǁǁǁǁ**

* **Forward-focused** offering **nearly 4 years** rich experience in of a successful career with diverse roles distinguished by commended performance and proven results in IT Domain
* Currently associated with **Paytm, Noida as DevOps & AWS Engineer.**
* Hands-on experience in **AWS Public Cloud**, **Complex Hybrid Extranet Platform, DevOps Tools and Technologies.**
* Gained knowledge in **AWS Resources, DevOps tools, CI/CD, Automation,Nginx, Apache, Unix Shell Scripting.**
* **Recognized for establishing consistent and appropriate business practices**, propounding innovative means and analyzing project expenditures and advising management
* Extensive experience in the designing and implementing fully automated continuous integration, continuous delivery, continuous deployment pipelines and DevOps processes for Agile Projects
* Hands-on experience in **AWS Console/AWS Command Line/ Terraform** to manage AWS Resources like EC2 instances, S3, Elastic Load Balancer, VPC, Subnet, Route table and other Amazon services
* Efficient in using Configuration Management & Deployment Tool like **Ansible, Puppet.**
* Worked on the Containerization Technologies like **Docker,kubernetes, Vagrant.**
* Engaged in setting up Jenkins for continuous integration and deployment apparatus; **building CI and CD pipeline** to make development lean and agile using Jenkins
* Hands on experience monitoring tools like **Grafana** and **ELK stack ,Dynatrace**

**ǁ Key Skills ǁǁǁǁǁǁ**

**IT Operations || Requirement Gathering || Technical Support || AWS || DevOps**

**ǁ IT Skills ǁǁǁǁǁ**

* **Operating Systems:** Linux Red Hat, Ubuntu, Windows, Centos.
* **Cloud Services:** EC2, VPC, RDS, Route53, CloudFront, ALB, Auto-scaling, EBS,EFS,ECS,EKS, S3,Cloud-Front, Cloud-Formation, IAM, Cloud Watch, Cloud Trail, Auto Scaling. Subnetting
* **Languages:** Shell Scripting,
* **Application Server:**  Tomcat
* **Web Server:** Nginx, Apache, HA-Proxy
* **RDBMS:** MySQL, PostgreSQL
* **In Memory DB:** Redis
* **Version Control:** Bitbucket, Git, GitHub
* **Continuous Integration:** Jenkins
* **Containerization:** Docker, Linux KVM, Kubernetes
* **Configuration tools:** Ansible, Puppet
* **Monitoring tools:** Zabbix, Data Dog
* **Log Analysis tool:** ELK (Elasticsearch, Logstash, Kibana)
* **IAC** Terraform

**ǁ Organizational Experience ǁǁǁǁǁǁ**

**Since July-2018 with Paytm Noida**

Growth Path:

Since july’18 DevOps Engineer/AWS solution architect

**Key Result Areas as DevOps Engineer/AWS solution architect:**

* Managing complex Hybrid Paytm Extranet Platform based on AWS & Paytm Corporate Datacenter
* Working on AWS resources installation of **EC2, EBS, elastic load balancing, Route53**, **Cloud Front, Auto Scaling,** usage of **S3 storage and Amazon Glacier**, configuring **IAM Accounts**, **VPC designing**, its creation and the management of AWS resources inside those PVC(s), installation of RDS (Oracle, MYSQL) and its usage, creation as well as administration of **Hybrid infrastructure** based on AWS.
* Provide the new Application server and Webserver environment on **Docker Container and Kubernetes**
* Continuous integration management using **Jenkins**, installing and configuring Jenkins.
* Worked on **Terraform** and created the Module/stack to create AWS Infra services like **VPC, Subnet. Security Group, Internet Gateway, EBS Volume, EC2, Autoscaling, Launch Configuration, S3 Bucket, IAM User, Role**.
* Migrated Various Data Center application on AWS Cloud using Automation tools.
* Created **S3** Bucket to keep the old logs. And written Various **shell scripts** to move the old logs on **S3** buckets.
* Written various Puppet Module to install the **Apache**, **Nginx**, **Tomcat**, **Redis**, **Kafka**, **Zookeeper**, **HA-Proxy**, **Vault**, **Mongo** **dB** etc.
* Managing the application traffic using **NGINX** as Load Balancer.
* Managing the new user’s **Account Creation/Access** using the Configuration Management tools like **Puppet** and **Ansible**.
* Setup Monitoring Tools **Zabbix** /**Data Dog** and Put appropriate Monitoring on Infrastructure like Servers**-: Apache, tomcat, Nginx, Redis, Database** and **CPU** Monitoring, **FS** Monitoring.
* Troubleshooting ongoing application issues; engaged in installing and configuring **HA-Proxy/Nginx** **load balancer** on Central Server for distribute load balancing and network traffic
* Managing **AWS resources (VPC, EC2, ALB, IAM, Rote Table, Subnet, Security groups)** on premises applicationsusing **Ansible** automation tool
* Analyzing and working on **Apache Server** & **Apache** **Tomcat** **Server**
* Troubleshooting performance issues by using the monitoring tools, log messages and log files; writing UNIX Shell Scripts and auto deployment process for various tasks like housekeeping, log rotation and so on
* Administering regular task automation by using Shell Script ;
* Setup 3M+3D Node **ELK** cluster for **Tomcat** server logs for Analysis.
* Migrated paytmbank from **paytm.com** to **paytmbank.com**

**ǁ Organizational Experience ǁǁǁǁǁǁ**

**Since Feb’15 – Mar’18 with IBM Private Ltd., Greater Noida**

Growth Path:

Since Dec’15 DevOps/AWS Engineer

**Key Result Areas as Sr. DevOps Engineer/AWS solution architect:**

* Managing complex Hybrid IBM Platform based on AWS & IBM Corporate Datacenter
* Working on AWS resources installation of **EC2, EBS, elastic load balancing, Route53**, usage of **S3 storage and Amazon Glacier**, configuring **IAM Accounts**, **VPC designing**, its creation and the management of AWS resources inside those PVC(s), installation of RDS (Oracle, MYSQL) and its usage, creation as well as administration of **Hybrid infrastructure** based on AWS
* Provide the new Application server and Webserver environment on **Docker Container**
* Continuous integration management using **Jenkins**, installing and configuring Jenkins
* Troubleshooting ongoing application issues; engaged in installing and configuring **HA-Proxy** **load balancer** on Central Server for distribute load balancing and network traffic
* Managing **AWS resources (VPC, EC2, ALB, IAM, Route Table, Subnet, Security groups)** on premises applicationsusing **Ansible** automation tool
* Managing **AWS resources** & on premises applicationsusing **Ansible** automation tool
* Analyzing and working on Apache Server & Apache Tomcat Server
* Installing and configuring tomcat Application Server and Apache HTTPD Server, configuring JDBC connections.
* Troubleshooting performance issues by using the monitoring tools, log messages and log files; writing UNIX Shell Scripts and auto deployment process for various tasks like housekeeping, log rotation and so on
* Administering regular task automation by using Shell Script and Perl Script; monitoring TUXEDO Middleware Admin on Linux/Unix Platform

**Key Result Areas as Devops/Linux Admin:**

* Engaged in Apache administration, Unix Shell Scripting & their automation, business critical applications support & their availability
* Installed and configured Application; monitored Server and Apache httpd severs; engaged in administering application load balancing and SSL implementation
* Provided support to production, UAT and development environments; created and maintained Jboss standalone/domain mode environments on a day-to-day basis
* Comprehended UNIX Architecture and troubleshot Unix Platform; worked on Database Admin; jobs migration from lower to upper version
* Deployed and troubleshot JAR, WAR files in tomcat Domain and clustered environments of tomcat Server
* Managed administration tasks such as day-to-day activity, installation, configuration, applications, troubleshooting, performance related issue
* Worked on Linux Admin; created new file system on Linux; engaged in working on YUM/RPM to update the security patches on live servers

**ǁ Education | Certifications ǁǁǁǁǁǁ**

* 2014: **B.tech (Gurukul Kangri University)**
* 2014: **Linux RHCSA/RHCE Certified**

**ǁ Personal Details ǁǁǁǁǁǁ**

**Date of Birth:** 19 Sept. 1992

**Languages Known:** English, Hindi

**Nationality:**  Indian