Rajesh Kumar Sharma

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|  | Objective |

Seeking a growing and challenging opportunity in a progressive setup that provides a positive working environment, appreciate new ideas and where I can make a value addition to the growth of organization.

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|  | Skills |

* **Cloud Platforms:** Amazon Web Services (EC2, EBS, S3, Snapshot, VPC, ELB, IAM, RDS, Route53, Cloudfront, Auto-Scaling), Azure
* **CI Server :** Jenkins(automated Jenkins pipeline )
* **Build Tools:** Maven
* **Source Control Management Tools:** Git, GitHub
* **Containerization:** Docker Engine**,** Kubernetes
* **configuration management:** Ansible, Terraform
* **Monitoring Tools:** Nagios
* **Collaboration Tools:** Confluence
* **Operating Systems:** Ubuntu, CentOS, RHEL, SUSE

# Professional Experience

**Site Reliability Engineer (SRE) | Smart Chip Limited (IDEMIA Group) (Jan’21–Till Date)**

* Providing support to 15+ banks Infrastructure deployment of biometric solution including On-Premise and Cloud deployments.
* Part of Global SRE team which take cares multiple projects running on different-different environments such as AZURE & On-Premise (VMWARE).
* Create and Manage Cloud environments using Infrastructure as a code **TERRAFORM**.
* Setup and manage **Dockerized** **applications** for environments like DEV, Staging, DEMO & Integration.
* Setup **Kubernetes cluster** for micro services based applications in production and pre-production environments.
* Docker image registry management (ACR & HARBOR) repository.
* Configure RabbitMQ native clustering for high availability of RabbitMQ.
* Configure and support on apache-tomcat and nginx web servers.
* Create and configure MYSQL and MONGO clusters for high availability.
* Configure MySQL replication between DC and DR to achieve high availability.
* Setup ELK for centralized logging and backup with blob storage.
* Implement Monitoring setup using Zabbix, Prometheus and Grafana.

## **Sr. Associate | Capgemini Technology Services India (Mar’18 – Jan’2021)**

* Designed and developed highly scalable and available systems using Auto-Scaling, Load Balancers.
* Experience on amazon aws features – EC2, VPC, S3, RDS, cloud Front, auto-scaling, load balancing.
* Configured AWS Identity Access Management (IAM) Group and users for improved login authentication.
* Used IAM to assign roles, to create and manage AWS users, groups, and permissions to use AWS resources.
* Installed applications on AWS EC2 instances and configured the storage on S3 buckets.
* Experience in architecting and configuring secure cloud VPC using private and public networks through subnets in AWS.
* Created AWSRoute53 to route traffic between different regions.
* Responsible for creating architecture for new implementation and enhance current infra on AWS
* Installed and configured Git and communicating with the repositories in Github.
* Used version control system Git to access the repositories and used in coordinating with CI tools.
* Responsible for installing Jenkins master and slave nodes.
* Extensive experience using maven as build tools for building artifacts from source code.
* Container management using Docker by writing Dockerfiles and set up the automated build on Docker HUB and installed and configured Kubernetes.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Collaborated with development and support teams to setup a continuous delivery environment with the use of Docker
* Expert in Automation of Release and Deploy configuration management to different environments i.e. QA, UAT and production.
* Using Anchore & Nessus for vulnerability scanning.
* Experience in using Docker for creating Docker Images.
* Worked with Docker containers which are lightweight and fast for reducing the cycle time of development, testing, and deployment
* Responsible for automating the aws infrastructure using terraform scripting
* Automated AWS resources like ec2, RDS, cloud front, sqs etc for an environment using terraform
* Automate deployment using git artifact and jenkin pipeline.
* Responsible for Build release and deployment using tools – Jenkins, Dockers engine.
* Configured the Nagios Monitoring tools, plugging installation.
* Created server report though Nagios tools.
* Monitoring Network stability through Nagios monitoring tool.

## **Sr. Associate |** **Capgemini Technology Services India (Dec’16 – Feb’18)**

* Monitoring alerts & managing server's performance for optimization.
* DICOM/HL7 application level troubleshooting.
* Providing L2 support and handling escalations or any RCA required from customer.
* Configuring the LVMs and adding the additional disk space as and when required.
* Perform server reboot activities (Standalone and cluster) from ILO and DRAC console via change management.
* Worked on cron in Linux servers for managing the logs of the web servers.
* Coordinating with different teams, resolving issues within SLA.
* Troubleshooting of Network Time protocol (NTP) issues.
* Monitoring and troubleshooting Oracle backup issues.
* Troubleshooting on various oracle issues.
* Taking care of over 1,500 servers (Physical and Virtual)
* Managing file system inconsistencies, performing user administration, managing system processes.

**Linux System Admin|** **Hewlett Packard Enterprise (Payroll Vega) (May’16–Nov’16)**

* Provide support to client (Indus Tower), configure and monitoring HPE servers.
* Monitoring of HP LINUX servers continuously and resolving the system related issues occurred as 24\*7 production support.
* Working and monitoring on UOC (HP Unified OSS Console).
* Working on REMEDY tool.
* Monitoring production HP Linux servers using Nagios.
* Production Server Maintenance.
* Learned and done Implementation using ANSIBLE.

**Support Engineer | Symstream Technologies (May’14–Feb’16)**

* Configure and manage Symstream servers.
* Worked on data over voice technology.
* Remotely testing of devices (S4 & S5) used in ATM machines which worked on data over voice and on ADSL line.
* Perform support activities for application Development
* Configure various servers like, LAMP, Samba, FTP, SFTP, NFS, and DNS.
* Handle client queries and Communications regarding new infrastructure setup.
* Providing customer support on linux platform.
* Configuring & trouble shooting NFS related issues.
* Installing and troubleshooting OS related issues (Centos, Ubuntu).
* Creation of Virtual Servers using KVM Technology.
* Configured Nagios with NRPE.
* Monitoring & managing server’s performance for optimization.



**Academic Qualification**

### **Bachelor of Technology | Electronics & Communication Engineering**

### Punjab Technical University Year of Completion: 2013

### **Intermediate (10+2) | CBSE**

### Year of Completion: 2009

### **High School (10th) | CBSE**

### Year of Completion: 2007



**Personal Details**

**Father’s Name** : H.C Sharma

**Date of Birth** : 21st Sept 1991

**Marital Status** : Married

**Language Known** : Hindi, English

**Hobbies** : Watching and playing cricket

**Declaration**

I hereby declare that all the above information is relevant & correct to the best of my knowledge.

**Date: Place:**