

Shambhu Singh Rajput  
DevOps/Network Engineer



## Profile

### Summary

- 8+ years of experience in server administration -DevOps
- Expertise in implementing AWS , GCP and other Cloud Platforms.
- Hands on Experience in Create solution architecture and resolve customer requests Implement ITSM tools and configure workflows
- Functional knowledge of Paychex applications Preview, Time and attendance ,HRO
- Profound Knowledge in complete Software System development life cycle (SDLC) including design, development, implementation, integration, testing and maintenance, bug fixing
- Proficiency indocument business process and manage matrix resources Analyze technical issues and maintain client interactions

### Technology Skills

- Web Technologies: XML, JavaScript, Web Service
- SAAS Application: CRM,SRM,E-commerce
- Servers: Apache Tomcat, Ngnix
- RDBMS: MySQL, Oracle, MongoDB
- AWS, GCP etc cloud platfroms
- Custem Shell and Python script
- Monitoring with Cloudwatch, PHPservermonitor, NagiOS
- Load Balancing and autoscalling
- Linux server Configuration, Management, Optimzation

### Work Experience

#### Responsibility:

- MySQL real time read replication
- Configure and manage AWS Route53 routing policies for minimize fault tolerance (Simple, Failover, Geolocation, Latency, Weighted etc
- Handling various cloud based account like AWS and GCP
- Working knowledge of Docker and containerization
- Build and deployment automation with Jenkins
- Manage AWS cloud server with EC2, RDS, Route53, S3, EBS, and VPC with Public and Private Subnet, ELB, Auto Scaling Cloud watchetc

- Configured EFS with multiple nodes.
- Installation of Tomcat and Integration of Tomcat with Apache with Reverse proxy.
- Shell script for resource monitoring with custom email alert
- JAVA thread monitoring with J Profile and thread dump
- AWS EC2 auto stop and start with Python scripting
- Manage installation, configuration, and ongoing maintenance of all server based software's
- GIT based development (Git branching dev, staging , production branch etc
- Install and configure Server and Network Monitor tool NagiOS
- Install and Configure CSF (configure Server Firewall) For prevent DDOS attack
- Windows Server Installation and Manage (IIS with SSL, Net Framework, MySQL Installation etc
- Install and configure Apache Multi-Processing Modules like Prefork, Workers and Events for speed performance of web applications.
- Installation and Manage various hosting Control Panel like WHM, VestaCPCentOS Web Panel etc
- Administrate infrastructure, including firewalls, databases, malware protection software and other processes
- Linux server administration in RHEL, Centos, Ubuntu Debian (Installation, administration, configuration, audit, optimization)
- Provide technical support for both hardware and software issues our users encounter
- Setup SAS based system for multiple projects; implement auto backup, monitoring custom alerts, SES and SMS setup.
- Auto start script for the services.

#### Technical Global Certification

- RHCSA 7 certified (**Certificate Number: 160-050-654**)
- RHCE 7 certified (**Certificate Number: 160-050-654**)
- AWS Solution Architect Associate (**Validation Number: S3QC4JS1HFR4QYK1**)

#### Professional Qualification

- Master of Computer Application from Punjab Technical University.