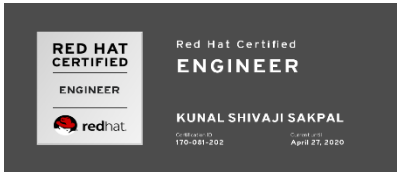


Kunal Shivaji Sakpal

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Seeking to have challenging assignment roles in **DevOps, Public Cloud Services & System Administration** with an environment that will allow mutual growth and opportunities with innovation using the latest technologies

CAREER SUMMARY

- Result oriented professional with **2.8+ years** of experience in **Linux, Systems Administration, DevOps and Public Cloud services**
- Currently working with **AXS Solutions & Consulting Pvt Ltd, Mumbai** as Assistant System Administrator
- Well versed in architecting, designing, implementing and maintaining **IaaS** platforms such as **AWS & GCP**
- Currently managing **Multiple VPC** with **25+ Linux instances** and **10+ DB instances** in AWS & GCP
- Architected, Designed and maintained **PCI DSS Compliance** architecture & also used automated security assessment service like **Amazon Inspector**
- Implemented a **CI/CD pipeline** for complete automation from commit to deployment
- Optimized infrastructure and implemented changes to **increase uptime, service efficiency & cost optimization**
- Knowledge of using Routed Protocols: **FTP, SFTP, SSH, HTTP, HTTPS** and Connect directly
- Completed Red Hat Linux Certified Engineer (**RHCE**) and Red Hat Linux Certified System Administrator (**RHCSA**) certifications (**Certification ID:170-081-202**)
- Completed Coursera's "**GCP Essential Cloud Infrastructure: Core Services**" Certification
- Completed Coursera's "**GCP Essential Cloud Infrastructure: Foundation**" Certification
- Completed Coursera's "**Google Cloud Platform Fundamentals: Core Infrastructure**" Certification
- Completed Coursera's "**Google Cloud Platform Fundamentals for AWS Professionals**" Certification
- Good communication and interpersonal skills with proven abilities in resolving complex networking, Linux and software related issues and ability to work under minimal supervision and guidance

TECHNICAL SKILLS

- Version Control System: Github, AWS CodeCommit
- CI/CD Tools: AWS CodeDeploy, AWS CodeBuild, AWS CodePipeline
- AWS Resources: IAM, EC2, VPC, RDS, EBS, S3, S3 Glacier, ElastiCache, Route53, Cloudfront, SNS, SQS, Config, WAF & SHIELD, CloudFormation, Amazon Inspector
- Google Cloud Resources: IAM, Compute Engine, VPC, Load Balancing, Cloud DNS, Cloud CDN, Cloud Storage, Cloud SQL,
- Information Security Standard: Payment Card Industry Data Security Standard (PCI DSS)
- Operating Systems: Linux Centos 7, Ubuntu, Windows, MAC
- Application & Web Servers: Nginx, Apache, Tomcat
- Scripting language: Basic Shell/Bash scripting
- Databases & Cache: MySQL, Mongo DB, Redis
- Virtualization: ProxmoxVE, Vagrant, Virtual Box
- Monitoring, Search, Analytics: AWS Cloudwatch, AWS Cloudtrail, Zabbix, Stackdriver
- Open source antivirus, IDS: OSSEC, ClamAV

EMPLOYMENT DETAILS

Company Name: **AXS Solutions & Consulting Pvt Ltd**
Designation: **Assistant System Administrator | Devops**

November 2017 to till date

Job Accountabilities:

- Installation and configuration of PHP and its relevant drivers, Nginx, OSSEC IDS, Clamav antivirus, Word press, Laravel framework, Nodejs
- Installation, Configuration and management of databases like MongoDB, MySQL, Redis
- Installation and configuration of SSL Certificate on server
- Managing Users, Disks, Memory utilization, Network services and server hardening in Linux based environment
- Creating, branching and managing version control systems with Git, GitHub and AWS CodeCommit
- Creating managing EC2 and compute engine with activities like AMI Creation, reserving static IP's, Backup snapshot, attaching EBS volumes, managing security groups, managing Auto scaling in AWS & Google cloud
- Creating and managing VPC with VPC peering for multiple environments with activities like subnet creation, managing Network ACLs, configuring routing table, attaching NAT Gateways in AWS & Google cloud
- Creating and managing load balancer for serving content over HTTPS in AWS & Google cloud
- Creating and managing content delivery network like AWS Cloudfront and Cloud CDN for serving content fast over vast region with quick response time
- Tracking and Checking resource configuration timeline of infrastructure using AWS Config

- Creating and hosting DNS records using AWS Route 53 and Cloud CDN for different web applications
- Providing database connectivity for web applications by implementing and configuring AWS Relational database service with MySQL database
- Handling user management activities like user creation, policies &role assignment, enabling MFA, setting password policy, creating custom role, deleting user by using IAM in both AWS & Google cloud
- Implementing and managing CI/CD pipeline using AWS Codecommit, CodeBuild, Codedeploy, Codepipeline
- Automating tasks, server patch update and daily activities by creating bash scripts and scheduling it in crontab
- Configured AWS WAF & Shield service for securing production servers from various network attacks
- Configuring SNS for system to system messaging and SQS for message queue service
- Creating and managing storage Buckets like S3, Cloud storage for storing application data, logs and hostingstatic website and using s3 glacier for cold storage data archival
- Using Amazon Inspector for finding vulnerabilities of infrastructure using standard PCI DSS benchmark and collecting server evidences quarterly for PCI DSS annual audit of infrastructure
- Manually hardening, validating and remediating the Linux based server using Security Content Automation Protocol and tool like OpenScap with defined standards benchmarks
- Using Untangle network management system (firewall) to maintain, configure and secure In-House network.
- Using bug/issue tracking tool like Bugzilla, Osticket
- Configuring, managing and monitoring centralized log collection using AWS Services like Cloudtrail, CloudWatch, Config for parsing common web server logs, Audit logs, App server logs, Syslog for intrusion detection

Company Name: **Orange I Tech India Pvt Ltd**
Designation: **Linux System Administrator**

May 2016 – August 2017

Job Accountabilities:

- Installation of linux operating systems like Centos 7, Ubuntu, Windows Server
- Installation and configuration of Apache Web Server, Tomcat, Java, Daemontools, Apache Kafka, Zookeeper, storm, Impala and databases like MYSQL, Vertica DB, Cassandra & Redis
- Installation and configuration of NFS, FTP, LVM, SAMBA server
- Creating Swap memory for the server and managing LVM storage over network
- Managing file permissions and network interfaces over virtualized environment
- AWS EC2 instance creation, AMI Creation, managing Security groups, Autoscaling and Load Balancing
- AWS S3cmd configuration on servers to access S3 bucket storage through CLI
- Automate tomcat applications with daemontools and Deploying jar and war files on production AWS servers
- User and group Management and scheduling tasks by crontab utility such as daily backup etc
- Package installation using yum/rpm, Disk management, File system management using fdisk utility
- Managing System Security using Selinux, Iptables, Firewallld

ACADEMIC DETAILS

MCA (Mumbai University) in 2016 with 6.91 CGPI		BSC IT (Mumbai University) in 2013, with 61.67%
H.S.C (Maharashtra Board) in 2010 with 58.17%		S.S.C (Maharashtra Board) in 2008, with 78.30%

PERSONAL DETAILS

Date of Birth:	1 st May 1993
Address:	Sitaramnagar, Near Shivaji Ground, Section.32, Camp No.4, Dist.Thane, Ulhasnagar-421004 (E)
Nationality:	Indian
Languages:	Marathi, Hindi and English
Interests:	Coping up with New and Upcoming Technologies, playing volleyball