

## AWS Cloud Administrator & SITE RELIABILITY ENGINEER(SRE)

AWS | Linux | Monitoring | Scripting | Networking | Storage | Security | Administration | Patching

### PROFESSIONAL SUMMARY

- Total **9** years of experience in Information Technology along with nearly **3** years of experience in **AWS** cloud administration in the **Telecom** and **Network** Domains
- Experienced with EC2, S3, VPC, EBS, RDS, Lambda, Cloud Formation, Cloud Front, and Shield in **Amazon AWS**
- Key member in doing regular **OS** updates and patch updates to the Windows and Linux servers and regularly managing memory, CPU, and disks
- Good experience in Installing and Implementing Logging & Monitoring tools **Zabbix**, **AWS Cloud Watch** for infrastructure along with cloud-based monitoring tools like **DataDog** and **NewRelic**
- Worked extensively on **AWS Virtual Machines** creation both from console and CLI, setting up storage and security on different kinds of private and public subnets based on the requirements and security for applications
- An advanced **Infrastructure Automation** engineer with experience in administering and automating operations across Linux and Unix platforms
- Experienced in managing applications on AWS and familiarity with all their core computer **networking**, **storage**, **security compliance**, and serverless orchestration
- Proficient in checking the performance of **infrastructure** and precise numerical targets for system **availability** by defining **Service Level Objects** and reducing downtime
- Specialized in Linux Administration, **24/7 Monitoring** of Application and Infrastructure, and efficient handling of Incident Management within **SLAs**
- Excellent hands-on experience on **Linux Server automation** with **Bash** Scripting
- Excellent experience in telecom domain having exposure with **cAT&T**, **cSBC** service network applications for Layer 2 using C, ESQL/C
- Well organized and self-directed, with the ability to effectively manage multiple projects and tasks and work well under pressure without supervision
- Worked on **Jira and Confluence** as a user and worked on epics, tasks & stories
- Worked in **Agile** environment and have good insight into Agile methodologies and Lean working techniques participated in Agile ceremonies and **Scrum** Meetings
- Having good **administrative skills**, good in planning, scheduling, writing emails, typing accuracy speed, and managing files efficiently

### SKILL MATRIX

Domain	Telecom and Embedded applications
Cloud	AWS EC2, VPC, S3, IAM, RDS, Route 53, Auto Scaling, DevOps
Monitoring Tools	Cloud Watch, Zabbix, New Relic, DataDog
Programming Languages	Python, C, ESQL/C, Dynamic C
Networking	Servers, Firewall (IPtables), VLAN, TCP/IP protocol suite (IP, ARP, ICMP, TCP, UDP, SMTP, FTP)
Administration Tools	Make, Putty, HyperTerminal, Git, telnet, GDB, PDB
Operating Systems	Unix, AIX, RHEL, CentOS, Ubuntu, Windows
Scripting Languages	Bash Scripting
Databases	MySQL, Oracle, Informix, SQL
Continuous Support Tools	ServiceNow, Jira, Confluence, Zendesk,

### EDUCATION

- **MTech - Computer Science & Technology**, Andhra University, Visakhapatnam, Andhra Pradesh, 2017-2019

- **Bachelor of Technology – Computer Science & Information Technology**, Jawaharlal Nehru University, Malineni Lakshmaiah Engineering College, Prakasam, Andhra Pradesh 2000-2004

## CERTIFICATIONS

- AWS Essentials Engineer – Professional
- IBM AIX certified

## WORK EXPERIENCE

### AWS Cloud Administrator

**NCPL Inc, Hyderabad**

**Feb'19- Till Date**

- Worked on a Cloud migration project moving the entire infrastructure from on-prem DC to AWS
- Worked on end-to-end Migration, right from preparing cloud strategy, network diagrams, infrastructure provisioning, and automating the infrastructure through scripting for all cloud-native services like EC2, Lambda, Cloud Formation Templates, RDS, S3, CloudFront and Route53, etc
- Managed and controlled the costing and budgeting of the AWS cloud account of the organization
- Setup cloud monitoring and alerting stack using AWS Cloud watch and proper incident management
- Monitored clients on Cloud Watch for network usage, disk usage, CPU bottlenecks, and handling regular tasks
- Monitored patches from vendors for hardware and OS and apply pro-actively within the assigned environment.
- Performed OS administration and provided second and third-level support to end customers
- Make sure that the Disaster Recovery is working fine by performing disaster recovery tests at regular intervals
- Performed installation, maintenance, and troubleshooting of Linux servers and configure storage and networking
- Provided support to incident management, releases, upgrades, bug fixes, and any system change activities such as setting up new environments
- Configured and managed Virtual infrastructure, Data Store, Disks using VMware products
- Configured and managed EC2 instances, VPC, EBS and set up AWS infrastructure for web applications and set up a backup in AWS S3 buckets
- Build and administered DNS and FTP servers and deployed DHCP server for Windows and Linux Servers
- Analyzed performance problems and implemented preventive maintenance procedures and assisted in setting-up proactive monitoring tools such as Zabbix and Nagios and proactively monitored and administered production servers
- Analyzed application and infrastructure interdependencies in advance and provided required solutions to the dependent applications and have done proactive monitoring

### Systems Engineer

**IBM India Pvt Ltd, Bangalore**

**Mar'07 – Aug'10**

- Worked for the client AT&T to be competitive in the Layer 2 (L2) offer space, AT&T consolidated and integrated multiple networks and back-office systems to a Target Architecture (TA) which provides the best customer experience at the lowest cost
- Worked as an SME (Subject matter expert) for MSR-GTN/ANT applications
- Participated in data migration focused on network elements, PVCs, topology, and customer data for the BLS Layer 2 network supporting Layer 2 services
- Active leadership in the L2 Day Z project which is designed to integrate the AT&T and SBC Layer 2 network and provide system support for seamless end-to-end L2 services to AT&T customers
- Maintained the production SaaS environments including actioning alerts, system, and app upgrades & maintenance windows
- Performed system administration and data migration activities and setup Backup & Disaster Recovery
- Maintained records of system implementations and audits and was involved in producing and maintaining documentation to controlled standards, including project plans and status reports
- Involved in installation, configuration, upgrading, patching, and administration of Linux servers
- Worked on user account maintenance, backup & recovery, Auto-mounting, License Management, and Printer configuration

- Provided infrastructure support for clients by monitoring client health, creating applications, packages, task sequences, and operating system deployments while actively monitoring with reporting tools
- Configured and monitored backup of servers, DNS server installation, rebuilding, support, and troubleshooting of DNS related issues

**Application developer**

**Analogics Technomatics Pvt Ltd, Hyderabad**

**Aug'04 – Feb'07**

- Developed software and scripting for handheld terminals and testing
- Provided design development of projects involving application development and additions to an existing applications
- Reviewed applications in the progress of development to ensure compliance with overall design parameters
- Resolved technical issues from observation of product operation
- Tested and debugged the applications developed
- Functional requirements analysis for the enhancement of an existing project