

GITESH SANGOLE

Infrastructure and System Administrator

Nagpur, Maharashtra, India

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🌐 Portfolio | 🔗 LinkedIn (www.linkedin.com/in/gitesh-sangole)

PROFESSIONAL SUMMARY

Results-driven IT professional with experience in **Linux system administration, AWS cloud infrastructure, and DevOps practices**. Proficient in deploying scalable cloud solutions, automating system operations using Bash, and maintaining secure, high-availability environments. Adept at monitoring, troubleshooting, and cost optimization. Seeking a role as an **AWS Cloud Engineer** or **DevOps Engineer**.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, S3, VPC, IAM, Route 53, CloudWatch, Bedrock)
- **Operating Systems:** Linux (RHEL, Ubuntu), Windows
- **DevOps Tools:** Jenkins, Git, GitHub, Docker
- **Scripting & Automation:** Bash, Crontab
- **Web & Network Services:** Apache, DNS, FTP
- **Monitoring & Backup:** CloudWatch, ILO, Datadog, Snapshots
- **Networking:** VPC, Subnets, Route Tables, Security Groups, NACLs
- **Access Management:** IAM Policies, Roles, MFA

PROFESSIONAL EXPERIENCE

Infrastructure and System Administrator

Cognext Analytics Pvt. Ltd. | Jan 2025 – Present

- Designed and implemented a hybrid cloud infrastructure using AWS and on-premises components.

- Deployed and configured EC2 instances for high availability and disaster recovery.
- Built secure, scalable VPCs with custom subnets, route tables, NACLs, and security groups.
- Managed IAM roles and policies ensuring strict access control based on least-privilege principles.
- Enabled performance monitoring and logging using AWS CloudWatch and Systems Manager.
- Conducted AWS cost audits and enabled Auto Scaling to optimize expenses.
- Documented disaster recovery plans and led incident response activities.

Linux System Administrator

Capgemini technology services India Ltd. | Mar 2022 – Jan 2025

- Supported RHEL server infrastructure for LIC India's EDMS project hosted on HPE servers.
- Managed server health and configurations using ILO, SSH, and VNC tools.
- Handled backup solutions using HP Data Protector, LTO Tapes, and QStar archiving.
- Administered Apache, DNS, and FTP services, managed user accounts and permissions.

PROJECTS

AI-Powered Chatbot using Amazon Bedrock

Tools: AWS Bedrock (Claude), S3, IAM, CloudWatch, Python

- Built a serverless chatbot using Amazon Bedrock's foundation models for real-time customer support.
- Deployed API Gateway and Lambda functions to handle chat interactions.
- Stored user session data and history logs and prompts in S3.
- Configured IAM policies to securely access Bedrock and other AWS services.
- Monitored performance and cost using AWS CloudWatch.

AWS Infrastructure

Tools: AWS EC2, VPC, IAM, S3, CloudWatch, Bash

- Built a secure AWS environment with custom VPC, EC2, IAM, S3, and CloudWatch.
- Automated EC2 provisioning and backups with Bash and Crontab.
- Integrated CloudWatch for health monitoring and alerting.

Dockerized Apache Deployment

Tools: Docker, GitHub, Bash, Apache

- Created and deployed a Docker container for a static website hosted on Apache.
- Used GitHub for version control and Bash for automation.

Linux Backup Automation

Tools: Bash, HP Data Protector, LTO Tapes

- Bash scripts for periodic backups with logging and error reporting.
- Configured job scheduling using crontab and monitored audit trails.

EDUCATION

Bachelor of Engineering – Electronics & Telecommunication

Anjuman College of Engineering and Technology, Nagpur | 2020

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**
- **Red Hat Certified System Administrator (RHCSA)**

LANGUAGES

- English – Fluent
- Hindi – Fluent
- Marathi – Native