

# SAIRAJ GHOLAP

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## Summary

AWS Cloud Engineer with hands-on experience in AWS services, Red Hat Linux administration, and CCNA networking. MCA 2025 graduate with cloud projects involving EC2, S3, IAM, Load Balancers, NAT Gateways, and shell scripting. Eager to contribute from Day 1 to build reliable, scalable, and secure AWS infrastructures.

## Technical Skills

**Cloud AWS::** AWS EC2, S3, IAM, VPC, Security Groups, Load Balancers, NAT Gateways, Auto Scaling, CloudFormation (basic), CloudWatch, CloudTrail, High Availability Deployments  
**Linux Administration::** Red Hat Enterprise Linux (RHEL), Shell Scripting, User Group Management, File Permissions, Package Management (dnf, yum, rpm), Cron Jobs, Log Monitoring, System Troubleshooting  
**Networking / CCNA::** TCP/IP, Routing Switching, VLAN, Subnetting, NAT, DHCP, DNS, LAN/WAN Concepts, Network Troubleshooting  
**Tools Others::** Git / GitHub, Docker (basic), Terraform (basic), PuTTY, Packet Tracer (Cisco), Monitoring Tools ( CloudWatch)

## Education

<b>Ajeenkya D.Y Patil University</b> Master Of Computer Applications (CGPA:7.21)	2025 Pune, Maharashtra
<b>Hon. Balasaheb Jadhav College of Arts, Commerce And Science</b> Bachelor Of Computer Applications (CGPA:8.52)	2023 Ale, Maharashtra

## Projects

### Project Name 1 | Deploy a Highly Available Web Application on AWS

- Deployed a multi-AZ web application using EC2, Load Balancer, Auto Scaling, Security Groups, VPC, S3, and Route 53.
- Configured auto-scaling to handle traffic spikes and S3 for hosting static content..
- Implemented secure access with IAM policies, ensuring a production-ready, scalable cloud environment.

### Project Name 2 | Cloud Infrastructure Automation using AWS CloudFormation

- Automated the provisioning of AWS resources using CloudFormation, EC2, S3, VPC, and IAM.
- Reduced manual setup time by creating infrastructure-as-code templates.
- Managed version control through Git and GitHub, demonstrating DevOps readiness and automation skills.

### Project Name 3 | Multi-Tier Application Deployment with RDS and EC2

- Designed and deployed a 3-tier architecture with separate web and database servers in private and public subnets.
- Configured RDS (MySQL/PostgreSQL) for database management and secured access using IAM and Security Groups.
- Showcased ability to build scalable and secure cloud solutions.

### Project Name 4 | Containerized Application Deployment Using Docker And ECS

- Containerized a sample application using docker and deployed it on AWS ECS.
- Configured networking vpc and IAM roles for secure deployment.
- Monitored application performance using cloudwatch, demonstrating modern cloud deployment and operational skills.

## Certifications

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- **AWS Certified Solutions Architect – Associate** *SevenMentor Institute, Pune*
- **Red Hat Certified System Administrator (RHCSA) – Red Hat Enterprise Linux** *SevenMentor Institute, Pune*
- **Cisco Certified Network Associate (CCNA)** *SevenMentor Institute, Pune*

## Soft Skills

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- **Problem Solving** – Gained hands-on experience troubleshooting AWS cloud setups, Linux servers, and basic networking issues during projects.
- **Team Collaboration** – Worked effectively in project teams to deploy cloud and Linux-based solutions.
- **Adaptability** – Quick learner of AWS services, Linux administration, and networking concepts.
- **Time Management** – Completed multiple cloud and Linux projects within project timelines.
- **Communication** – Documented project work clearly and shared updates with team members.