

AJAY BHISE

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Professional Summary

AWS Cloud & DevOps Engineer with 4 years of experience deploying and managing AWS infrastructure using EC2, S3, VPC, IAM, RDS, and CloudWatch. Proficient in Terraform automation, CI/CD with Jenkins, and skilled in Docker and Kubernetes for modern deployments. Experienced in cloud security, disaster recovery, Auto Scaling, and optimizing enterprise cloud operations to deliver secure, scalable, and high-availability solutions.

Technical Skills

1. Cloud & DevOps:

- AWS: EC2, IAM, VPC, S3, EBS, EFS, RDS, CloudWatch, Lambda, Elastic Beanstalk, ECS, EKS, Auto Scaling
- Infrastructure as Code: Terraform
- CI/CD: Jenkins, GitHub integration
- Containerization: Docker
- Orchestration: Kubernetes
- Version control: Git & GitHub

2. Programming & Scripting:

- Shell/Bash scripting for automation and task scheduling
- Python and SQL for data handling, reporting, and custom integrations

3. OS & Productivity Tools:

- Operating Systems: Linux, Windows
- Tools: MS Word, Excel, PowerPoint

4. Languages:

- English, Hindi, Marathi (Professional proficiency)

Work Experience

Technology Analyst

Oct 2023 - Present

Infosys Limited. Pune, India.

- Provisioned and managed EC2 instances and S3 storage, ensuring 99.9% uptime and reliable backend operations.
- Configured IAM users, groups, and roles, enforcing secure access controls across projects.
- Managed S3 buckets with lifecycle policies and automated Shell scripts for backups, optimizing storage costs and ensuring data durability.
- Designed and maintained custom VPCs, subnets, and security groups, ensuring secure and optimized network architecture for enterprise workloads.
- Integrated CloudWatch metrics with Shell scripts for log analysis and reporting, improving issue detection by 35%.
- Managed workloads using Elastic Load Balancers (ELB) and Auto Scaling groups, dynamically scaling resources during high traffic periods while maintaining 99.95% availability.
- Collaborated with multiple development teams, ensuring timely and efficient deployment.

Senior Systems Engineer

July 2022 - Sept 2023

Infosys Limited. Pune, India.

- Deployed and managed containerized applications with Docker and Kubernetes (EKS), improving deployment reliability.
- Built and maintained CI/CD pipelines using Jenkins integrated with GitHub.
- Managed EC2 instances, RDS databases, and S3 storage, ensuring smooth operations and 99.9% uptime.
- Configured ELB and Auto Scaling groups to automatically expand or shrink resources during traffic surges, maintaining high system availability.
- Monitored workloads using CloudWatch dashboards, metrics, and alarms, improving infrastructure issue detection by 25%.
- Automated environment provisioning with Terraform, CloudFormation, and Ansible, achieving consistent and scalable

deployments.

- Designed and secured VPCs, subnets, NAT/Internet Gateways, and security groups, optimizing network architecture for enterprise applications.

Systems Engineer

Infosys Limited. Pune, India.

Mar 2022 - June 2022

- Provisioned and monitored AWS EC2 (compute) instances, optimizing system performance and scalability to achieve 99.99% uptime.
- Managed provisioning and monitoring of AWS storage services, including EBS, S3, and EFS, ensuring 99.9% data availability and durability.
- Developed Shell scripts for S3 bucket operations and snapshot management, optimizing storage performance, ensuring 99.99% data availability.
- Maintained prompt communication by proactively monitoring and responding to client emails in a timely manner.

Education

- Bachelor of Technology in Mechanical Engineering Aug 2018 - July 2021
S. I. T. College Of Engineering, Ichalkaranji, Maharashtra.
- Diploma in Mechanical Engineering June 2015 – June 2021
S. I. T. College Of Engineering, Polytechnic, Ichalkaranji, Maharashtra.

Certifications

- AWS Solution Architect Associate (AWS and Infosys Certified).
- AWS Cloud Practitioner (AWS And Infosys Certified).
- Infosys Certified Associate SAP MM Consultant.

Awards & Achievements

- Rayat Shikshan Sanstha's scholarship.
- Elementary exam certification.