

SHAM GULAJKAR

SUMMARY

A graduated, dedicated and skilled Cloud and DevOps Engineer, having hands-on experience in designing, deploying, and managing cloud infrastructure across AWS, Azure Cloud environments. Expertise in cloud computing, containerization, CI/CD pipelines, and cost optimization. Adept at managing and automating scalable cloud architectures, ensuring high availability, and applying security best practices. Strong communicator with the ability to solve complex cloud-related challenges and deliver end-to-end solutions that align with business needs.

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EXPERIENCE

DevOps Engineer | Hisan Labs Pvt. Ltd.

Dec 2023 - Present

- Supported cloud infrastructure setup and maintenance across AWS services such as S3, EC2, RDS, and VPC.
 - Contributed to building automated pipelines for continuous integration and deployment using Jenkins.
 - Assisted in containerizing applications using Docker and deploying them to AWS ECS.
 - Worked with cloud cost management tools to analyze and optimize cloud expenses.
 - Aided in troubleshooting and resolving cloud-related infrastructure issues
 - Engineered and deployed highly available, scalable cloud infrastructure using AWS services such as EC2, S3, RDS, and Lambda.
 - Managed and optimized cloud resources, reducing costs by implementing resource tagging, rightsizing instances, and utilizing reserved instances.
 - Automated infrastructure provisioning using Terraform, creating repeatable and version-controlled templates.
 - Developed CI/CD pipelines using Jenkins and GitHub Actions, streamlining code delivery and ensuring automated testing and deployment.
 - Implemented Docker containers for microservices applications, deploying on Kubernetes clusters using AWS EKS.
 - Performed cloud security audits, ensuring compliance with industry standards and best practices.
 - Monitored cloud applications and infrastructure using Prometheus and Grafana, ensuring uptime.
 - Collaborated with cross-functional teams to gather requirements and design cloud solutions tailored to business needs.
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EDUCATION

Bachelor of Computer Science | 2020-2023

Deogiri College Aurangabad

- **Relevant Coursework:** Operating System, Cloud Computing, programming languages, Networking, Communication, Data Structures and Algorithms, Database Management, Probability and Statistics.
 - **Percentage:** 74.23
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SKILLS

- **Cloud Platforms:** AWS(S3, EC2, Autoscaling, Load-Balancing, IAM).
 - **Infrastructure as Code (IaC):** Terraform
 - **Automation & Scripting:** Basic Python, Bash
 - **CI/CD Tools:** Jenkins, AWS CodeDeploy
 - **Containers & Orchestration:** Docker, Kubernetes, AWS ECS, EKS
 - **Monitoring & Observability:** Prometheus, Grafana, CloudWatch
 - **Networking & Security:** VPC, IAM, Cloud Security Best Practices, Firewalls
 - **Version Control:** Git, GitHub.
 - **Database Management:** RDS, DynamoDB, MySQL,
 - **Cost Optimization:** Cloud cost analysis.
 - **Project Management:** Jira
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SELECTIVE ACADEMIC PROJECTS

CI/CD Pipeline for Scalable Web Application

- Designed and implemented a CI/CD pipeline using AWS CodeDeploy and Jenkins, for a web application hosted on AWS EC2 instances.
- Configured Auto Scaling Groups and a Load Balancer to ensure high availability and scalability.
- Achieved automated rollback upon integration test failures, reducing manual intervention.

Three-Tier Infrastructure Setup with Terraform

- Deployed a three-tier architecture (frontend, backend, and database) using Terraform and AWS.
- Ensured environment segregation (Dev/Prod) with automated deployments and version control via GitHub Actions.
- Integrated logging and monitoring using CloudWatch and Splunk to enhance observability.

Cost Optimization for Cloud Resources

- Conducted a cost analysis for a large AWS deployment, identifying unused resources and optimizing EC2 instance sizes, resulting in a 30% reduction in monthly cloud spend.
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CERTIFICATIONS

- DevOps Fundamental (Infosys)
 - DevOps with AWS
 - C programming
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