

Sudharshan Mutalik

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Professional Experience

SCLOUDIN Software Solution Pvt Ltd

December 2023- December 2024

AWS Cloud Engineer

- Managed and optimized over 10 AWS services including EC2, ELB, Lambda, VPC, RDS, S3, IAM, EKS, CloudFormation, CloudWatch, and Step Functions to ensure high availability, scalability, security, and cost-efficiency of cloud-native applications and infrastructure.
- Implemented Infrastructure as Code (IaC) solutions using Terraform and AWS CloudFormation, enhancing infrastructure reliability by 30%.
- Migrated legacy applications to AWS ECS and EKS; leveraged Helm for deploying services on EKS, resulting in improved scalability and a 40% reduction in manual configurations.
- Built automated deployment pipelines using AWS CodePipeline, Jenkins, GitHub Actions, and ArgoCD; integrated SonarQube for code quality checks, reducing deployment time by 15% and improving release reliability.

Projects

BIGTIMELEAP

February 2024 - July 2024

- Installed and configured Linux packages, managed networking, and worked with VMware and ESXi for virtualization deployments and maintenance.
- Collaborated with development teams to containerize applications using Docker, Kubernetes and Helm improving scalability and reducing deployment errors by 30%.
- Provisioned AWS resources including EC2, S3, VPC, IAM, and RDS via Terraform for consistent and automated infrastructure deployments.
- Designed a monitoring and alerting system using Prometheus and Grafana, improving system uptime by 15% and reducing incident response time by 25%.
- Constructed and managed VPCs with segmented networking, including public/private subnets, NAT gateways, route tables, and IGWs to enforce secure cloud isolation.

Neuroo AI

August 2024 - December 2024

- Created scripting solutions using AWS CLI, decreasing manual configuration time by 70%
- Managed Kubernetes clusters using Rancher, providing centralized control, monitoring, and dynamic scaling of containerized workloads.
- Orchestrated DNS and routing using Route 53, Azure DNS, and Cloud DNS; established high-availability traffic management via ALB and NLB for fault-tolerant deployments.
- Collaborated on cross-functional teams to design a CI/CD pipeline using Jenkins, resulting in a 15% increase in software deployment efficiency.
- Performed regular security audits and implemented best practices for AWS IAM roles, policies, and security groups, ensuring compliance with industry standards.

Technical Skills

Linux, Kubernetes, Docker, Terraform, Jenkins, Git, ArgoCD, AWS, EKS, Helm, IAM, VPC, Subnets, Security Groups, Load Balancers, HTTP/HTTPS, SSH, DNS, TCP/IP, CloudWatch, Prometheus, Grafana, RDS, Python, Shell Scripting, OpenShift, Rancher, VMware, ESXi

Education

BLDEA CET Vijayapura, India

Bachelor of Engineering in Mechanical Engineering

CERTIFICATION

AWS CLOUD QUEST: CLOUD PRACTITIONER – Amazon Web Services