

Madhu Samba Dommisi

AWS DevOps Engineer

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SUMMARY

Dedicated professional with over 6+ years of experience in DevOps-II / SDE-II roles, with hands-on expertise in optimizing and streamlining IT operations combined with release management. Seeking a challenging role to leverage expertise in DevOps technologies and cloud infrastructure to contribute to a dynamic team

WORK EXPERIENCE

AWS DevOps Engineer – II

Revolution Entertainment Services Private Limited, Hyderabad

Oct '2022 – Present

- Managing cloud infrastructure and AWS services such as EC2, S3, VPC, RDS, Route 53, ELB, EKS/ECS
- Strong experience in AWS networking including VPC, Load Balancers, Compute, and IAM.
- Configuring networking components – VPC, Subnets, Security Groups, NACLs, Routing Tables, Internet Gateway.
- Working with KMS (Key Management Service) for data encryption.
- Developing and maintaining CI/CD pipelines using Jenkins and GitHub Actions.
- Streamlined CI/CD for Java-based applications using Maven. Hands-on experience writing Jenkins Pipelines for Java and Node.js applications and GitHub Actions workflows.
- Infrastructure as Code using Terraform – including remote backend setup with locking using AWS S3 and DynamoDB.
- Containerization using Docker and orchestration with Kubernetes (EKS).
- Monitoring and ensuring availability using Prometheus, Grafana, and Datadog.
- Deploying complete 3-tier architecture and e-commerce applications on AWS EC2 with Auto Scaling
Also handled IT Administration (troubleshooting system issues – Mac and Windows), Slack, Jira & Confluence administration, Azure AD user management, and network troubleshooting.

Cloud Migration Project – Heroku to AWS in Revolution Entertainment Services

- Migrated applications from Heroku to Amazon EKS, enhancing scalability, deployment flexibility, and operational control.
- Containerized Heroku-based applications using Docker, replacing buildpacks with custom images for Kubernetes. Built and deployed robust Kubernetes infrastructure on AWS EKS.
- Implemented Argo CD for GitOps-based continuous delivery to EKS.
- Migrated configuration and secrets from Heroku to AWS Secrets Manager. Replaced Heroku Postgres with Amazon RDS using `pg_dump` and logical replication for minimal downtime.
- Integrated centralized logging and monitoring using Prometheus and Grafana.
- Built secure CI/CD pipelines using GitHub Actions, ECR, and Argo CD. Ensured zero-downtime deployments with health checks and rollback strategies via Argo CD.

- Created AWS infrastructure: EC2, VPC, Security Groups, Auto Scaling and deployed Zebex application.
- Deployed multi-tier architecture using EC2, ALB, Auto Scaling, Security Groups, and RDS.
- Maintained AWS servers and physical infrastructure.
- Managed Azure AD users and Office 365 environment.
- Performed server administration, software/hardware troubleshooting.
- Installed and configured operating systems, DNS, DHCP, Group Policy.
- Set up routers, VLANs, VPNs, and Wireless Access Points. And managed Sophos and FortiGate firewalls.
- Administered Lab Solution software and conducted monthly data backups from HPLC, GC, IR, UV systems. Installed and maintained CCTV cameras and biometric systems.
- Configured project settings, user permissions, password policies, and server group policies.

EDUCATION

- Bachelor of Technology in Electrical and Electronics Engineering from JNTU, Kakinada.

AWARDS & PERFORMANCE

- Star Performer of the Quarter – Q1 2024
- Led successful migration of legacy systems to AWS EKS, improving uptime by 99.9% and reducing infrastructure costs by 30%.
- Built a self-healing Kubernetes cluster, reducing production incidents by over 50%.

SKILLS

- Cloud: AWS
- Source Code Management: Git
- CI/CD: Jenkins, GitHub Actions
- Containerization: Docker
- Orchestration: Kubernetes
- Infrastructure as Code: Terraform
- Monitoring & Logging: Prometheus, Grafana, Datadog

Personal Details:

- Father's name : Apparao Dommisi
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