



Sairam Gundumalla

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PROFESSIONAL SUMMARY

AWS Certified DevOps Engineer with 3+ years of experience in designing, automating, and optimizing cloud infrastructure on AWS, Azure & DigitalOcean. Expertise in Kubernetes (EKS), Docker, Terraform, and CI/CD pipelines (GitLab CI/CD, AWS CodePipeline). Proficient in Python and Bash scripting for automation, along with implementing monitoring and alerting solutions (Prometheus, Grafana, CloudWatch) to ensure system reliability. Passionate about DevSecOps, cloud-native technologies, and building secure, high-performance infrastructure.

PROFESSIONAL SKILLS

- CI/CD Tools: GitLab CI/CD, AWS CodePipeline, CodeBuild, CodeDeploy, GitHub Actions
- Containers & Orchestration: Docker, Kubernetes (EKS), Helm, AWS ECR
- Cloud Platforms: AWS, Microsoft Azure, DigitalOcean
- Databases: MongoDB, Redis, AWS RDS (MySQL, PostgreSQL), DynamoDB
- Infrastructure as Code: Terraform, AWS CloudFormation
- Monitoring & Alerting: Prometheus, Grafana, Loki, CloudWatch, ELK Stack
- Programming & Scripting: Python, Bash, YAML, JSON
- Source Code Management: Git, GitHub, GitLab, AWS CodeCommit
- Serverless Development: AWS Lambda
- Security Tools: AWS Security Hub, Prowler, WAF, IAM policies

CERTIFICATIONS

- Course: AWS Certified Cloud Practitioner ,
- Validation: DJXZ8B72YNBQ14CV

PROFESSIONAL EXPERIENCE

Ahex Technologies | DevOps Engineer | Jun 2024 – Present

- Deployed React frontend on Azure Static Web Apps and Python backend on Azure App Services, integrated with Azure Flexible PostgreSQL Server using private endpoints for enhanced security.
- Automated the provisioning of Amazon EKS clusters and add-ons (EBS CSI, CloudWatch observability, ArgoCD, and Metrics Server) using Terraform and GitHub Actions, integrating OIDC provider for secure authentication and implementing least-privileged AWS IAM roles and policies to enhance security, scalability, and operational efficiency.
- Implemented geo-location-based access controls using Azure Front Door and WAF policies to restrict application access to specific regions, improving compliance and security.
- Configured Microsoft Sentinel for proactive threat detection, real-time monitoring, and incident response, enhancing infrastructure security.
- Set up Datadog for comprehensive observability, including container insights, log monitoring, and APM tracing on ECS and EC2 instances.

- Automated AMI management using AWS Lambda and SSM Automations, enabling patch updates and cross-region backup replication for RDS and S3.
- Configured Wazuh for AWS environment monitoring, integrating with AWS services for security analysis and compliance.

DataEveolve Solutions | AWS Cloud Engineer | May 2022 – Apr 2024

- Designed AWS VPC networking including subnets, NAT Gateways, and Route Tables.
- Orchestrated CI/CD pipelines using AWS CodePipeline, CodeBuild, and CloudFormation templates.
- Automated backup and disaster recovery strategies for EC2, RDS, and S3.
- Implemented monitoring dashboards with CloudWatch and Grafana, reducing downtime by 30%.
- Developed serverless microservices using AWS Lambda, reducing processing time by 70%.
- Deployed WAFR for all the projects in aws which are under DIC and NIC.

WORK EXPERIENCE

- Ahex Technologies Pvt. Ltd. June 2024 - Present
Role: DevOps Engineer
- Dataeveolve solutions Pvt. Ltd. May 2022 - April 2024
Role: AWS Cloud Engineer
- Corro Health Pvt Limited March 2021 - Jan 2022
Role: System Engineer

EDUCATION

- MBA - Finance
Methodist college of engineering and management • Hyderabad • 2019 • 7.0
- B.com - Computer applications.
Indian institute of management and commerce • Hyderabad • 2017 • 7.0

KEY ACHEIVEMENTS

- Successfully migrated legacy systems to containerized environments, reducing deployment times by 40%.
- Implemented geo-location-based access controls, improving compliance with regional data regulations.
- Automated AMI management and cross-region backups, ensuring 99.9% data availability and disaster recovery readines