MANIKANDAN G

Cloud & DevOps Engineer | Multi-Cloud Architecture | CI/CD Automation | AI/ML-Driven Operations

+91 9361688987 dmanirk07@gmail.com linkedin.com/in/manikandan-g-4b0331123 Bangalore, India

CORE COMPETENCIES

- Cost Optimization & Performance Tuning
- Infrastructure as Code (IaC) & Migration
- Multi-Cloud Architecture & Engineering
- Monitoring, Observability & Reliability
- Linux Systems & Automation Scripting
- Containerization & Orchestration
- AI/ML-Driven Cloud Operations
- DevOps & CI/CD Automation
- Cloud Security & Compliance

TECHNICAL SKILLS

AWS, Azure, GCP, Kubernetes, Docker, Terraform, Ansible, Helm, Nomad, Consul, Traefik, Jenkins, CircleCI, GitHub Actions, Azure DevOps, Git, Linux, Bash, Python, SQL, React, Kafka, Prometheus, Grafana, Loki, CloudWatch, SageMaker

CERTIFICATIONS

AWS Certified Solutions Architect – Professional

Advanced expertise in designing secure, scalable, and highly available cloud architectures on AWS.

AWS Certified Machine Learning – Associate

Validated skills in building, training, deploying, and integrating ML models into cloud-native workflows.

HashiCorp Certified: Terraform Associate

Proven proficiency in Infrastructure as Code, modular Terraform design, and systematized cloud provisioning.

Microsoft Azure Fundamentals (AZ-900)

Strong foundational knowledge of Azure services, cloud concepts, security, and compliance models.

ServiceNow Certified System Administrator

Hands-on expertise in platform administration, workflow automation, and IT service management.

Boomi Professional Integration Developer

Certified in designing, building, and managing enterprise-grade integration workflows and APIs.

EDUCATION

Master of Technology (M.Tech) – Information Technology

VIT University

2017 - 2019 Vellore, Tamil Nadu

SUMMARY

Cloud & DevOps Engineer with 4+ years of hands-on experience designing, automating, and securing large-scale cloud infrastructure across AWS, Azure, and GCP. Proven expertise in DevOps, CI/CD, Kubernetes, and Infrastructure as Code, delivering available, cost-efficient, and resilient systems. Known for driving measurable outcomes cutting deployment time by 30%, improving system reliability by 25%, and reducing cloud costs through smart automation and rightsizing strategies. Strong background in cloud security, monitoring, and troubleshooting, with a growing focus on AI/ML-enabled cloud operations, leveraging AWS ML services to embed intelligent insights into deployment pipelines and operational workflows. Adept at collaborating with engineering and SRE teams to enable zero-downtime releases, scalable architectures, and continuous innovation.

EXPERIENCE

DevOps Engineer

Cricbuzz Private Limited 07/2025 - Present Bangalore, India

- **Cloud Infrastructure Architecture & Automation:** Architected and automated production-grade AWS infrastructure using Terraform, Nomad, Consul, and Traefik to deliver scalable, secure, and available systems.
- **CI/CD Pipeline Engineering:** Managed CircleCI pipelines for automated builds, artifact management, and targeted deployments of containerized apps.
- **Microservices Networking & Service Mesh:** Implemented service mesh and ingress routing with Consul Connect and Traefik, enhancing inter-service communication and reducing application latency.
- **Infrastructure as Code Standardization:** Developed Terraform modules for networking, compute, IAM, and registries to ensure consistency and faster provisioning.
- **Monitoring, Observability & Reliability:** Utilized Prometheus, Grafana, Loki. Boosted system visibility, alerting, reliability.
- **AI/ML-Driven Operations & Automation:** Leveraged AWS SageMaker and CloudWatch Anomaly Detection to predict workload behavior, automate scaling decisions, and enable proactive issue detection.
- **Security, Cost Optimization & Deployment:** Enhanced management, enforced zero-downtime deployments (blue-green, canary). Optimized resources using rightsizing and autoscaling.

Cloud Engineer

CodinCity Digital Technologies Pvt. Ltd 01/2022 - 06/2025 Chennai, India

- **Cloud Architecture & Multi-Cloud Delivery:** Designed, deployed, and managed scalable AWS and Azure infrastructures supporting production workloads.
- **Banking Cloud Migration & Observability Excellence:** Successfully supported multiple banking clients by executing secure account-to-account cloud migrations using EFS, MSK, S3, and AMIs, while designing and implementing a centralized logging and monitoring framework to enhance compliance, traceability, and operational visibility across all environments.
- **DevOps & CI/CD Enablement:** Streamlined end-to-end CI/CD pipelines, improving deployment speed by 40% and release reliability.
- **Infrastructure as Code (IaC):** Built and maintained reusable Terraform modules ensuring consistent, compliant multienvironment provisioning.
- **Kubernetes & Container Platforms:** Configured and secured Kubernetes clusters with RBAC, networking, and best practices for microservices.
- **Cloud Security & Compliance:** Implemented IAM, encryption, threat detection, and security audits to strengthen cloud posture.
- **Monitoring, Reliability & DR:** Delivered observability, alerting, disaster recovery, and high-availability architectures across cloud platforms.
- **Cost Optimization & Performance Management:** Reduced cloud costs by 20% through rightsizing, autoscaling, BOM analysis, and resource optimization.

SKILLS

Core Skills

DevOps, Automation, Orchestration, IaC, Security, Monitoring, Observability, Scalability, Reliability, Optimization, Networking, Containerization, Virtualization, GitOps, SRE, Troubleshooting, Performance, Availability

Functional Skills

CI/CD, Deployment, Provisioning, Migration, Hardening, Rightsizing, Autoscaling, Costing, Forecasting, Compliance, Auditing, Incident Management, Release Management, Change Management, Documentation, Collaboration, Optimization