GAYATHRI NANDAKUMAR
Junior Cloud & DevOps Trainer

Trichy, Tamil Nadu | 8190823905 | gayathri16072004@gmail.com
LinkedIn: linkedin.com/in/gayathrinandakumar | GitHub: github.com/Gayathri-Nandakumar16
Portfolio: https://gayathri-nandakumar16.github.io/

PROFESSIONAL SUMMARY

Junior Cloud & DevOps Trainer with hands-on experience in AWS infrastructure deployment, Docker containerization, CI/CD automation, and Kubernetes orchestration. Experienced in delivering lab-oriented training sessions with real-time demonstrations. Strong understanding of cloud security, monitoring, and automation concepts with the ability to simplify complex technical topics for students and beginners.

TECHNICAL SKILLS

Cloud Platforms:
AWS (EC2, S3, IAM, VPC, CloudWatch, SNS, Lambda)
GCP (Compute Engine, Cloud Storage – Basics)

DevOps Tools:
Docker (Image creation, container lifecycle)
Jenkins (CI/CD pipeline setup)
Git & GitHub
Kubernetes (Minikube – Deployments & Services)
Terraform (Basics – Infrastructure as Code)

Monitoring & Security:
CloudWatch Metrics & Alarms
IAM Policies & Role-Based Access Control
Security Groups & VPC Configuration
S3 Encryption & Lifecycle Policies

Databases & OS:
MySQL, PostgreSQL
Linux (Ubuntu)

PROFESSIONAL EXPERIENCE

Junior Cloud & DevOps Trainer – Elysium Academy

Apr 2025 – Present

- Delivered structured AWS and DevOps training with practical lab sessions.
- Trained 40+ students on EC2 provisioning, IAM configuration, VPC networking, and S3 management.
- Conducted hands-on sessions on Docker containerization and Jenkins CI/CD pipelines.
- Guided learners in building real-time cloud and DevOps projects.
- Assisted students in troubleshooting deployment, networking, and access control issues.

Cloud Intern – CodTech IT Solutions

Jan 2025

- Deployed AWS infrastructure using EC2, IAM, and S3 services.
- Configured CloudWatch monitoring and SNS alert systems.
- Documented deployment architecture and workflows.

Cloud Intern – Brainwave Matrix Solutions

Feb 2025 – Mar 2025

- Assisted in AWS–GCP multi-cloud deployment setup.
- Implemented IAM-based security configurations.
- Supported infrastructure automation and monitoring tasks.

PROJECTS

1. End-to-End DevOps CI/CD Pipeline with Docker & Kubernetes

- Designed and implemented CI/CD pipeline using Jenkins.
- Dockerized application and managed image lifecycle using Docker Hub.
- Automated build and deployment process triggered via GitHub commits.
- Deployed containerized application to Kubernetes (Minikube).
- Configured Kubernetes Deployments and Services.

2. AWS Secure VPC Architecture Implementation

- Designed custom VPC with public and private subnets.
- Configured Internet Gateway, Route Tables, and Security Groups.
- Launched EC2 instances within secure network boundaries.
- Implemented IAM roles for secure access control.

3. Cloud Monitoring & Alert System

- Configured AWS CloudWatch metrics and alarms.
- Integrated SNS for real-time notification alerts.
- Monitored EC2 CPU utilization and performance metrics.
- Implemented proactive monitoring strategy.

4. Multi-Cloud Application Deployment (AWS & GCP)

- Hosted frontend application on AWS EC2.
- Integrated backend/database setup on GCP Compute Engine.
- Configured secure connectivity and access management.
- Demonstrated cross-cloud infrastructure design.

5. Infrastructure as Code using Terraform

- Automated provisioning of EC2 and S3 resources.
- Created reusable Terraform configuration files.
- Managed infrastructure lifecycle using IaC principles.
- Reduced manual deployment effort through automation.

EDUCATION

B.Sc. Computer Science
Srimad Andavan Arts & Science College, Trichy
2021 – 2024 | CGPA: 8.09

TRAINING

AWS Solutions Architect Training – FITA Academy
Cloud Foundations – Great Learning
Linux Essentials – LinkedIn Learning