

# MONISH G

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 Chennai, India

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## PROFILE SUMMARY

Cloud-focused IT professional with 2.7 years of total industry experience, transitioning from web development into cloud engineering. Experienced in deploying, securing, automating, and monitoring AWS-based infrastructure while supporting production workloads. Strong interest in infrastructure management, reliability monitoring, and cloud operations, with hands-on expertise gained through real-world deployments and serverless projects. Seeking a Cloud Engineer or Cloud Support role to contribute to scalable, secure, and highly available cloud environments.

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## TECHNICAL SKILLS

**Cloud Platform:** Amazon Web Services (AWS)

**Cloud Services:** EC2, S3, IAM, VPC, Route 53, CloudFront, Lambda, API Gateway, DynamoDB, RDS, MySQL, Auto Scaling, Application Load Balancer, CloudWatch, CodePipeline

**DevOps & Automation:** CI/CD Pipelines, Deployment Automation

**Databases:** MySQL

**Developer Tools:** Git, GitHub, Postman, Visual Studio Code, AWS Management Console

**Operating Systems:** Windows, Linux

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## PROFESSIONAL EXPERIENCE

### INDIA HEALTH LINK

**April 2023 - August 2024**

#### Web Developer | Chennai, India

- Deployed and maintained two production-grade static websites (phigital.care, africahealthlink.net) using AWS-managed infrastructure, ensuring high availability and secure public access
- Configured Amazon S3 static hosting, implemented secure bucket policies, and enabled global content delivery using CloudFront distributions
- Managed custom domain routing through Route 53, including SSL/TLS certificate provisioning for HTTPS-enabled endpoints
- Implemented CI/CD automation pipelines integrating GitHub with AWS deployment services, reducing manual release effort and deployment errors
- Monitored application behavior using Amazon CloudWatch, identified performance anomalies, and exported issue insights to development teams for resolution
- Enforced least-privilege access controls by configuring IAM roles and permission boundaries for cloud resources

#### Web Development Contributions :

- Developed and maintained scalable Angular-based user portals, supporting 10,000+ monthly users with 99.5% uptime
- Designed and optimized patient engagement features, including notification workflows and recommendation modules, improving user interaction by up to 150%

### PAREKH INTEGRATED SERVICE PVT LTD

**December 2020 - January 2022**

#### Computer Operator | Chennai, India

- Supported daily IT operations by diagnosing hardware, network, and software issues, contributing to a 25% reduction in system downtime
- Executed database-related tasks by writing and optimizing SQL queries for structured data retrieval and reporting
- Performed system installations, configuration updates, and operational checks to maintain uninterrupted departmental workflows

## CLOUD PROJECTS

### Serverless Employee Management System

**Technologies:** AWS Lambda, API Gateway, DynamoDB, S3, IAM, CloudWatch, GitHub, CodePipeline

- Built a serverless REST-based employee management system supporting full CRUD operations without server provisioning
- Designed event-driven compute logic using AWS Lambda, exposed securely through API Gateway endpoints
- Implemented DynamoDB as a scalable NoSQL datastore for employee records with low-latency access
- Enabled centralized logging and execution monitoring using CloudWatch, improving observability and error tracing
- Automated deployment workflows via GitHub-integrated pipelines, enabling rapid iteration and controlled releases
- Applied IAM execution roles to secure service-to-service communication within the serverless architecture

### Highly Available Expense Tracking System using AWS 3-Tier Architecture

**Technologies:** VPC, EC2, Auto Scaling, Application Load Balancer, IAM, RDS MySQL, ACM, S3, Multi-AZ Architecture

- Designed and implemented a secure Virtual Private Cloud (VPC) with clearly segmented public and private subnets distributed across multiple Availability Zones
- Deployed EC2-based web and application tiers across Multi-AZ infrastructure, ensuring fault tolerance and continuous availability
- Configured external Application Load Balancer for internet-facing web traffic and internal load balancer for private application-tier communication
- Implemented Auto Scaling Groups to dynamically adjust compute capacity based on traffic patterns, improving resilience and cost efficiency
- Provisioned Amazon RDS MySQL as a managed relational database with Multi-AZ support for data durability and automated failover
- Applied IAM roles to enable secure, credential-free interaction between EC2 instances and AWS services
- Enabled HTTPS communication using SSL/TLS certificates to secure client-to-application data flow

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## CERTIFICATIONS

- AWS Certified Cloud Practitioner (CLF-C02) – Amazon Web Services
- SQL (Basic) – HackerRank (Credential ID: 4d5bbaec9d1d)
- Programming with Python for Data Sciences – NIIT
- Installing, Configuring, Managing, and Troubleshooting a PC – NIIT
- Protocols and Internetworking Standards – NIIT

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## EDUCATION

**Master of Business Administration (MBA)**

**2021 – 2023**

Logistics and Supply Chain Management | University of Madras

**Bachelor of Science (B.Sc.) Computer Science**

**2017 – 2020**

Sri Sankara Arts and Science College

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## SOFT SKILLS

- Effective Communication
- Professional Etiquette
- Time Management
- Team Coordination
- Problem Solving
- Attention to Detail

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## LANGUAGES

English, Tamil