

RAAGUL D

DevOps Engineer | Cloud Infra Engineer

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As a Cloud Infrastructure Engineer at NCompass, I manage infrastructure for our client Phonex, a B2B SaaS provider. With more than two years of experience, I specialize in optimizing the reliability, security, cost-efficiency, performance, and monitoring of cloud environments. I architect and maintain robust, scalable solutions tailored to client needs while adhering to industry best practices.

WORK EXPERIENCE

NCOMPASS

Cloud Engineer, DevOps Engineer

Chennai, India

Aug 2022 – Till date

- **Maintained and optimized AWS cloud infrastructure** for multiple clients, achieving high availability and enhanced security across diverse environments.
- **Developed and deployed scalable automation tools** using Node.js, Python, and AWS SDK, significantly streamlining operations and improving efficiency.
- **Implemented cost reduction strategies** that led to a 30% decrease in operational expenses, enhancing budget management for clients.
- **Monitored system performance** using JMeter, identifying and addressing potential bottlenecks to maintain optimal system performance.
- **Contributed to disaster recovery planning and execution**, including orchestrating automated deployments with CloudFormation templates and Terraform.
- **Reduced deployment time by 50%** by implementing performance optimization measures and employing Blue/Green Deployment strategies, which significantly improved overall deployment efficiency.
- **Established and managed comprehensive monitoring and logging solutions** using AWS CloudWatch, ensuring robust system visibility and quick issue resolution.
- **Led a team of three** in the maintenance and management of a SaaS platform infrastructure supporting over 300 tenants, ensuring high reliability and scalability.
- **Enhanced coding standards and security practices** by implementing a quality gateway with Sonar, resulting in improved code quality and reduced vulnerabilities.

CERTIFICATION

- **AWS Certified Solutions Architect - Associate**
Scored 91%
- **AWS CloudFormation Master Class**
- **AWS Certified Cloud Practitioner**
- **Introduction to Machine Learning**
- **Skill Certifications** - Python, MySQL - HackerRank

SKILLS

- Amazon Web Services (AWS) Infrastructure, Terraform, CloudFormation, CI/CD, AWS SDK, CLI, Console
- Docker, Node.js, Python, Shell Scripting
- MySQL, DynamoDB, Redis
- Git, Postman, JMeter, Sonar, CloudWatch (logs, metrics, Xray, dashboards, alarms, OpenTelemetry)
- Linux

EDUCATION

ANNA UNIVERSITY

Bachelor of Engineering in Electronics and Communication

GPA: 8.18.

Chennai, India

Aug 2018 - Jul 2022

PROJECTS

Spaceship Titanic – Kaggle

Built a classification model to predict which passengers are transported to an alternate dimension – accuracy 78.442

Refrigerator stock alert - Self-initiated

To get automated alerts for low stock in Refrigerator trained the model to detect the number of eggs send alerts to phone