

RAAGUL D

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As a Cloud Infrastructure Engineer, With more than 3 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.

SKILLS

Amazon Web Services(AWS), Terraform, CloudFormation, continuous integration and continuous deployment, AWS SDK, CLI, Containerization technologies, Docker, Azure, Git, Postman, Jenkins, Sonar, CloudWatch, Grafana, Prometheus, pm2 exporter, node exporter, API development, Node.js, Python, MySQL, Linux, Redis, Shell Scripting

CERTIFICATION

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

EXPERIENCE

INFLUX

DevOps Engineer

Chennai, India
Oct 2024 – Present

- Automated Infrastructure using aws-sdks, python, lambdas, event scheduler and StepFunctions reducing manual interventions.
- Automating ip blacklisting based on 30mins rolling window rate limiter using Lambda, log insights and even scheduler.
- Implemented ci/cd reducing deployment time and manual interventions, added quality check gateways using Sonar.
- Implemented Infrastructure as code using terraform for a vanilla infrastructure required for a new client.
- Consolidated dashboards using Grafana, Prometheus and Cloudwatch for all aws accounts managed by Influx
- Designed architecture making application serverless, moving from jenkins to code build, ec2 to lambdas and s3-CloudFront reducing operational cost by 30%

NCOMPASS

Cloud Engineer, DevOps Engineer

Chennai, India
Aug 2022 – Oct 2024

- 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.

EDUCATION

ANNA UNIVERSITY

Bachelors in Electronics and Communication
Cumulative GPA: 8.18/10

Chennai, India
Aug 2018 - July 2022