

Santhoshkumar G

Chennai, Tamil Nadu

+91 9042244219 - gskumar25792@gmail.com

Linkedin : linkedin.com/in/santhoshkumar-gskumar

Github : github.com/gskumar-lab

Portfolio : gskumar.tech

SUMMARY

Aspiring Cloud and DevOps Engineer with a strong foundation in AWS, infrastructure automation, and scripting. Recently earned the **AWS Certified Solutions Architect – Associate** certification and built hands-on expertise through self-learning and practical projects. Proficient in designing scalable cloud solutions, automating workflows, and implementing CI/CD pipelines. Transitioning from a non-IT background with a focus on leveraging analytical and problem-solving skills to deliver efficient IT solutions.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate – 2024

SKILLS

Amazon Web Services

Linux & Shell scripting

Devops

Cloud computing

Python scripting

Terraform

Serverless (AWS)

GIT & Github Actions

Docker.

PROJECTS

Three-Tier Architecture on AWS using Terraform

Infrastructure as Code (IaC) | High Availability | Security

- Designed and automated a **scalable three-tier architecture** using Terraform, ensuring reproducibility and version control.
- Deployed **EC2 instances with Auto Scaling**, secured VPC networking, and implemented **ALB** for load balancing.
- Integrated AWS Backup, CloudFront, and Route 53 for **disaster recovery and traffic routing** across regions.
- Enforced security best practices with **IAM roles, Security Groups, and NACLs** to protect cloud resources.

Serverless Task Manager Web App using AWS serverless

Amplify | Lambda (Python) | API Gateway | DynamoDB | Cognito

- Developed a **serverless task manager web app**, ensuring **scalability and cost-efficiency**.
- Implemented **user authentication via AWS Cognito**, securing access control.
- Built a **RESTful API with API Gateway & AWS Lambda (Python)** for CRUD operations.
- Stored tasks in **DynamoDB**, leveraging NoSQL for fast and efficient data retrieval.
- Automated deployments with **GitHub Actions (CI/CD)** for streamlined updates.

Cloud Portfolio Website

AWS | Route53 | CI/CD

- Built a personal cloud portfolio to showcase skills and projects, hosted on AWS Amplify / S3 + CloudFront.
- Integrated DynamoDB (visitor tracking), API Gateway & Lambda (for dynamic features).
- Enabled CI/CD using GitHub Actions, ensuring seamless updates.
- Deployed with a custom domain, responsive UI, and downloadable resume.

EXPERIENCE

Senior Operations Associate | Genpact India Pvt. Ltd | Jul 2023 – Jun 2024

- Served as process SME, resolving escalations and supporting audits.
- Led KT sessions and trained new hires.
- Drove process improvements to reduce turnaround time.

Senior Operations Associate | Solartis Technology Services Pvt. Ltd | Jul 2017 – Jul 2023

- Managed daily operations for a US P&C insurance client, handling premium and non-premium endorsements.
- Ensured compliance in policy processing and actively engaged in client communications.

EDUCATION

- **Bachelor of Engineering – Computer Science and Engineering**
Syed Ammal Engineering College, 2016
- **Diploma – Electronics and Communication Engineering**
Mohamed Sathak Polytechnic, 2012