

KAMANI RAVIKUMAR

ravikamani789@gmail.com | +91-9533723709 | github.com/RavikumarKamani74

SUMMARY

Cloud enthusiast with hands-on AWS project experience, CI/CD pipeline setup, and infrastructure automation, transitioning from a GIS background into Cloud/DevOps.

SKILLS

- **Cloud Platforms & Services:** AWS (EC2, S3, Lambda, VPC, RDS, CloudFront, Route 53, IAM, CloudWatch)
- **DevOps Tools:** Git, GitHub, GitHub Actions, AWS CodePipeline, CI/CD
- **Infrastructure as Code:** AWS CloudFormation (YAML), Bash, Python
- **Networking:** Subnetting, NAT Gateway, Load Balancer, Route Tables, Security Groups
- **Operating Systems & Monitoring:** Linux (basic), AWS Budgets, CloudWatch

GIS Tools: QGIS, AutoCAD

PROJECTS

Serverless Notes App (Lambda + API Gateway + DynamoDB)

Built a serverless notes app using AWS Lambda, API Gateway, and DynamoDB with a lightweight HTML/JS frontend and RESTful APIs for note management.

Static Website Hosting (S3 + CloudFront)

Hosted a static website using Amazon S3 with CloudFront distribution. Enabled versioning, lifecycle policies, and implemented granular IAM access control.

Custom VPC with EC2 and Load Balancer

Deployed EC2 instances inside a custom VPC behind an Application Load Balancer. Configured auto-healing using CloudWatch alarms and health checks.

CI/CD with AWS CodePipeline

Built CI/CD pipelines integrating AWS CodePipeline with GitHub repositories. Enabled automatic deployment and version control for code updates.

Infrastructure as Code (IaC)

Used AWS CloudFormation (YAML) to automate provisioning of network and compute resources. Emphasized reusable and secure IaC templates.

EXPERIENCE

GIS Engineer

RMSI Pvt. Ltd, Hyderabad, **Dec 2021 – Feb 2025**

- Produced GIS maps for telecom infrastructure using tools like QGIS and AutoCAD.
 - Ensured spatial data accuracy and compliance with quality benchmarks.
 - Collaborated with engineering teams to support infrastructure rollout.
-

EDUCATION

B.Tech in Civil Engineering

SVS Group of Institutions, 2020

CERTIFICATIONS - AWS Certified Solutions Architect – Associate (In Progress)
