

KAMANI RAVIKUMAR

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SUMMARY:

Cloud & DevOps enthusiast with hands-on AWS experience, transitioning from a GIS background. Skilled in building serverless architectures, automating CI/CD pipelines, and managing infrastructure using CloudFormation and Terraform.

SKILLS:

Cloud Platforms: AWS (EC2,S3,Lambda,CloudFront,API Gateway,Route 53,IAM, RDS,KMS).

DevOps Tools: Git, GitHub, GitHub Actions, CodePipeline.

Infrastructure as Code: CloudFormation (YAML), Terraform, Bash, Python(basics).

Networking: VPC, NAT Gateway, ALB/NLB, Route Tables, Security Groups, Route 53.

Monitoring & Logging: CloudWatch, AWS Budgets, SNS, SQS, EventBridge, CloudTrail.

Cloud Platforms & Other Tools: Systems Manager, Linux (basic), AutoCAD (GIS).

PROJECTS: GitHub: <https://github.com/RavikumarKamani74> | Key Projects:

1.Cloud Resume Challenge – AWS Serverless Portfolio ([/ravikumar-cloud-portfolio](#))

Deployed a personal resume site on AWS using S3, CloudFront, Lambda, API Gateway, DynamoDB. Built CI/CD using GitHub Actions with OIDC and monitored via CloudWatch + SNS alerts.

2. Secure Notes App – Serverless CRUD on AWS ([/secure-notes-serverless-app](#))

Built a fully serverless notes app using AWS Lambda (Python), API Gateway, and DynamoDB. Enabled secure CRUD operations with IAM-based authorization. Frontend deployed to S3 + CloudFront with HTTPS. Monitored costs via CloudWatch and AWS Budgets.

3.Order Status SMS Notifier (AWS + HTML) ([/order-status-sms-notifier](#))

Designed a serverless system to send SMS order updates via SNS and log records in DynamoDB. Integrated with a static frontend on GitHub Pages.

4.Static Website Hosting (S3 + CloudFront) ([/aws-s3-static-site-cicd](#))

Hosted a versioned static site on S3 with CloudFront, lifecycle policies, and IAM-based access control.

5. Custom VPC + EC2 + ALB.

Deployed EC2 instances in a custom VPC with an Application Load Balancer, integrated auto-healing via CloudWatch alarms.

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.
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EDUCATION & CERTIFICATION:

B.Tech in Civil Engineering – SVS Group of Institutions, 2020.

AWS Certified Solutions Architect – Associate (Attempted) Score: 707/1000 – Preparing for retake.
