

KAMANI RAVIKUMAR

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SUMMARY:

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

SKILLS:

Cloud & DevOps: AWS (EC2, S3, Lambda, CloudFront, API Gateway, Route 53, IAM, RDS), Git, GitHub, GitHub Actions, CodePipeline.

IaC & Automation: CloudFormation (YAML), Terraform, Bash, Python.

Networking: VPC, NAT Gateway, Load Balancer, Route Tables, Security Groups.

Monitoring: CloudWatch, AWS Budgets, SNS.

Other Tools: 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. Serverless Notes App (Lambda + API Gateway + DynamoDB) ([/serverless-notes-app](#))

Built a CRUD notes app using Lambda, API Gateway, and DynamoDB with a minimal HTML/JS frontend hosted via S3.

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. Hands-on experience with EC2, VPC, IAM, Lambda, CloudFormation.
