NAVEEN UMESH BADIGER

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PROFESSIONAL SUMMARY

Results-driven Associate Engineer with **3.7 years** of experience designing, deploying, and automating **AWS cloud solutions**. Skilled in CI/CD, DevOps, and cloud security. Proficient in **AWS services** (EC2, S3, Lambda, RDS, IAM, API Gateway), Infrastructure as Code (**Terraform, Ansible**), and monitoring tools (**CloudWatch, ELK**). Adept at creating scalable, cost-effective, and secure cloud systems.

TECHNICAL SKILLS

Cloud: AWS (EC2, S3, Lambda, RDS, IAM, CloudFront, API Gateway, Cognito, DynamoDB, SNS)
DevOps & IaC: Terraform, Ansible, Jenkins, Docker, Kubernetes, Git
Monitoring & Security: AWS CloudWatch, ELK Stack, AWS Config, GuardDuty, AWS Inspector
Scripting: Python, Bash, Shell
Databases: MySQL, PostgreSQL, SQL Server

PROFESSIONAL EXPERIENCE

Associate Engineer – ZKTeco Biometrics Pvt Ltd, Bangalore | *Oct 2021 – Present*
- Automated **CI/CD pipelines** using Jenkins & Terraform, reducing manual errors by **40%**.
- Migrated legacy databases to **AWS RDS** with **zero downtime** and ensured 100% data integrity.
- Implemented **IAM policies**, **CloudWatch alarms**, and **GuardDuty** to enhance system security and observability.

PROJECTS

Infrastructure as Code (IaC) with Terraform – AWS
- Designed a **3-tier architecture** (VPC, ALB, EC2, RDS) using modular Terraform scripts.
- Automated deployments via **Jenkins**, used **S3 + DynamoDB** for remote state management and locking.
- Achieved consistent infrastructure provisioning across dev, staging, and prod environments.
  Tech Used: Terraform, Jenkins, AWS VPC, ALB, EC2, RDS, IAM, S3, DynamoDB

Serverless Web App using AWS
- Developed an e-commerce backend using **AWS Lambda, API Gateway, DynamoDB, S3, SNS, Cognito**.
- Hosted the frontend on **S3 + CloudFront**; secured user access with Cognito and IAM roles.
  Tech Used: Lambda, API Gateway, DynamoDB, Cognito, S3, SNS, CloudFront, IAM

CI/CD Pipeline on AWS
- Built CI/CD pipelines using **AWS CodePipeline**, **CodeBuild**, and **ECS**.
- Integrated **CloudWatch** for performance monitoring and **AWS Inspector** for security audits.
  Tech Used: CodePipeline, CodeBuild, ECS, CloudWatch, Inspector, GitHub

Auto-Scaling & Load Balancing on AWS
- Deployed a scalable web app using **EC2 Auto Scaling**, **Application Load Balancer**, and monitored via **CloudWatch**.
  Tech Used: EC2, Auto Scaling, ALB, CloudWatch, Launch Templates, IAM

EDUCATION
B.E. in Electronics & Communication Engineering
KLS Vishwanath Rao Deshpande Institute of Technology | *2018–2021* | CGPA: **8.37/10**

Certifications:
- DevOps on AWS Specialization (AWS via Coursera)
- AWS Cloud Technical Essentials (AWS via Coursera)
- AWS Fundamentals (AWS via Coursera)
- Bash Scripting & Linux Administration (Udemy)
- Advanced Testing Practices Using AWS DevOps Tools (AWS via Coursera)
- Solutions Architect - Knowledge Badge Readiness Path (AWS)