NAVEEN UMESH BADIGER

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PROFESSIONAL SUMMARY

Cloud and DevOps Engineer with **2.6 years of experience** in designing, automating, and securing **AWS-based solutions**. Skilled in **CI/CD, containerization, serverless computing, infrastructure automation, and cloud security**. Proven ability to build **scalable, cost-efficient, and high-availability** cloud solutions for modern enterprises.

TECHNICAL SKILLS

- **Cloud & DevOps:** AWS (EC2, S3, Lambda, IAM, API Gateway, RDS, CloudFront)
- **CI/CD & Automation:** Jenkins, Terraform, Ansible, Docker, Kubernetes, AWS CodePipeline
- **Security & Monitoring:** IAM, AWS Config, GuardDuty, AWS Security Hub, CloudWatch, ELK Stack
- **Scripting & Programming:** Python, Bash, Shell Scripting
- **Databases:** MySQL, PostgreSQL, DynamoDB, SQL Server

PROFESSIONAL EXPERIENCE

Associate Engineer

ZKTeco Biometrics Pvt Ltd, Bangalore | Oct 2022 – Present

- **Designed AWS cloud architectures** for enterprise applications, ensuring security and scalability.
- **Automated CI/CD pipelines** using **AWS CodePipeline, Terraform, and Jenkins**, reducing deployment time by **40%**.
- **Deployed containerized applications** on **AWS ECS and Kubernetes**, optimizing resource utilization.
- **Implemented IAM security best practices** and real-time monitoring using **CloudWatch and ELK Stack**.

PROJECT EXPERIENCE

1. AWS Serverless Web Application

Project Overview:

- Developed a **fully serverless e-commerce/blog application** with a **static frontend hosted on S3 & CloudFront**.
- Designed **API Gateway + Lambda** architecture to handle backend logic, ensuring seamless user experience.
- Stored product/blog data in **DynamoDB**, enabling quick and cost-effective access.
- Integrated **AWS Cognito** for secure authentication and user management.
- Configured **SNS notifications** to alert users about new product updates or blog posts.

Key Takeaways:

✔ Demonstrates **serverless architecture** with zero-maintenance backend.

✔ Showcases **AWS security best practices** (Cognito, IAM).

✔ Utilizes **event-driven AWS services** for notifications.

Tech Stack: AWS Lambda, API Gateway, DynamoDB, S3, CloudFront, Cognito, IAM, SNS

2. CI/CD Pipeline on AWS
Project Overview:
- Developed a **fully automated CI/CD pipeline** using **AWS CodePipeline and CodeBuild**.
- Integrated **Docker and AWS ECS** to deploy containerized microservices.
- Configured **AWS Inspector** for security vulnerability assessment before deployment.
- Implemented **CloudWatch monitoring and alerts** to track application health.

Key Takeaways:
✔️ Enables **automated deployments with rollback** features.

✔️ Improves **security and compliance** using AWS-native tools.

✔️ Demonstrates **containerized application deployment on AWS**.

Tech Stack: AWS CodePipeline, CodeBuild, ECS, Terraform, Jenkins, CloudWatch, AWS Inspector

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3. AWS Auto-Scaling & Load Balancing
Project Overview:
- Designed a **highly available web application** with **Auto Scaling Groups and ALB** for dynamic traffic management.
- Deployed **RDS Multi-AZ** database for disaster recovery and zero-downtime failover.
- Configured **CloudWatch alarms** for real-time monitoring and proactive scaling.

Key Takeaways:
✔️ Implements **AWS best practices for high availability**.

✔️ Reduces **downtime and ensures application scalability**.

✔️ Enhances **performance and reliability of cloud applications**.

Tech Stack: EC2, ALB, Auto Scaling Groups, RDS Multi-AZ, CloudWatch

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EDUCATION

B.E. in Electronics & Communication Engineering | 2019 -2022
KLS Vishwanath Rao Deshpande Institute of Technology | CGPA: 7.67/10

CERTIFICATIONS:

- **DevOps on AWS Specialization Issued by AWS (via Coursera): Expertise in CI/CD Pipelines and AWS DevOps tools.**
- **AWS Cloud Technical Essentials Issued by AWS (via Coursera): Deep Understanding of AWS services.**
- **DevOps on AWS: Code, Build and Test Issued by AWS (via Coursera): Expertise in AWS CI/CD tools and testing frameworks.**
- **DevOps on AWS: Release and Deploy Issued by AWS (via Coursera): Advanced knowledge in AWS deployment strategies and automations.**
- **DevOps on AWS: Operate and Monitor Issued by AWS (via Coursera): Proficient in monitoring and operational excellence with AWS tools.**

COURSE:

- **Introduction of Network and Network security (Udemy)**
- **AWS Fundamentals (Coursera)**
- **DevOps on AWS Specialization (Coursera)**
- **Bash Scripting & Shell Programming (Udemy): Advanced scripting for automation tasks.**
- **Linux Training with Troubleshooting (Coursera): Mastered Linux administration.**
- **Advanced Testing Practices Using AWS DevOps Tools (Coursera)**