Nandini Dange

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PROFESSIONAL SUMMARY

An enthusiastic candidate with expertise in DevOps Engineering and AWS Cloud Engineering, adept at thriving in collaborative team environments and as an independent contributor. Demonstrates a strong inclination towards innovation, problem-solving, and possesses extensive experience in automation and troubleshooting.

SUMMARY

- Experienced in harnessing the power of key AWS services, such as Elastic Compute Cloud (EC2) for scalable computing, Elastic Block Storage (EBS) for reliable storage, and Amazon Machine Images (AMI) for efficient instance provisioning
- Proficient in deploying and managing applications with Elastic Load Balancer (ELB) and Auto Scaling Groups (ASG) to ensure high availability and performance.
- Skilled in architecting secure and isolated environments using Virtual Private Cloud (VPC) and implementing scalable file storage solutions with Elastic File System (EFS).
- Demonstrated expertise in leveraging Simple Storage Service (S3) for object storage, and Identity & Access Management (IAM) for robust security controls.
- Experienced in setting up event-driven architectures with Simple Notification Service (SNS) and monitoring solutions using CloudWatch. Proven track record in tracking and auditing AWS resource changes with CloudTrail and optimizing content delivery through CloudFront.

INTERNSHIP

Tech Edge Solution Academy - **AWS Intern**   **09/2023 - 01/2024**
- Actively engaged with multiple AWS services, including EC2 for virtual computing, S3 for scalable object storage, and VPC for network isolation, and SNS for event-driven communication, and Cloud-Watch for comprehensive monitoring
- Maintained overall safe work environment with employee training programs and enforcement of safety procedures.
- Analyzed problems and collaborative with development team to develop solutions and testing

PROJECTS

Personal Portfolio Website Deployment on Aws
- Description: Creating and deploying a personal portfolio website on AWS involves designing with HTML, CSS, and JavaScript. AWS services like S3 host the site securely, Route 53 manages domains, and Cloud-Front boosts performance with CDN capabilities for faster load times worldwide.

File Backup System Using Aws S3
- Description: Implemented a cost-effective file backup system using AWS S3 for a small project. Automated backup process ensured secure storage and data availability. Leveraged AWS Lambda for workflow orchestration, optimizing resource.

EDUCATION

D Y Patil University   **2021-2024**
Pune, MH
B. Tech: Computer Engineering
SGPA: 9.4

Government Residence Women Polytechnic   **2019-2021**
Sangli, MH
Diploma (Polytechnic): Computer Engineering
85.00%

SKILLS

Operating Systems: Windows, Linux
Amazon Web Services (AWS): EC2, EBS, AMI, ASG, EFS, S3, RDS, IAM, SNS.
Networking Expertise: VPC, VPN, DNS, Tomcat, Apache Web Server, SSL, TCP/IP, SSH.
Version Control: Git & GitHub
CI/CD Pipeline tools: Jenkins, Maven
Containerization tool: Docker
Deployment Tool: Ansible
Shell Scripting Proficiency: Python, Bash.
Monitoring: Cloud-Watch, CloudTrail
Programming Languages: HTML, CSS, Java, PHP.
Manage Infrastructure as code utilizing **Terraform** or Kubernetes and Azure.
Knowledge of **Linux Admin commands** and Database like SQL, MongoDB, MySQL.

CERTIFICATIONS

AWS Cloud Quest: Cloud Practitioner.
AWS knowledge: architecting.
Top 10 in SIH Hackathon.
Top 25 in Quasar Hackathon.