

PRATHAMESH FARADE

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CAREER SUMMARY

Aspiring AWS Cloud Engineer with a strong foundation in Amazon Web Services (AWS) and cloud computing principles. Proficient in designing and deploying scalable, secure, and high-performing cloud architectures. Demonstrated expertise in managing core AWS services such as EC2, S3, RDS, and IAM. Passionate about leveraging cloud technologies to optimize business performance and ensure robust security.

EDUCATION AND CERTIFICATION

Bachelor's degree | College of Computer Science and Information Technology. 2024

Bachelor's degree Percentage: - (70)

HSC Percentage: - (77.40)

SSC Percentage: - (76.60)

Certification | Masters in cloud Architectures (MCA) | Fortune Cloud, Pune. 2024

TECHNICAL SKILLS

Cloud Platform : AWS (EC2, Lambda, S3, RDS, EBS, EFS, VPC, Route53, CloudFront, CloudWatch, IAM)

Networking : VPC, Subnets, Routing Tables, NAT Gateway, Internet Gateway, Security Groups, VPC Peering.

Web Hosting : NGINX, Apache, S3 Static Hosting, PHP Application, Python Application.

Monitoring & Reporting : Custom CloudWatch Metrics, Alarm.

Operating System : Linux-based server management.

Containerization/Orchestration : Docker, ECS, Kubernetes.

DevOps Tools : Git, GitHub, Ansible, Terraform, Jenkins CICD.

Automation & Scripting : Bash, PowerShell.

Database Management : Amazon RDS, MySQL, Maria DB

Language : Python

WORK EXPERIENCE

Cloud Architect Intern | CRAVITA TECHNOLOGIES, Pune 2024-2025

- Managed manual code deployments, ensuring error-free and timely application releases.
- Generated weekly server performance and utilization reports to provide insights for optimization.
- Configured and maintained Cloud Watch alarms for monitoring AWS resource performance and operational metrics.
- Installed and updated server packages (Nginx, Apache, Node.js, PHP, etc.) to ensure software compatibility and security.

- Managed AWS services and infrastructure based on project-specific requirements, ensuring high availability and security.
- Implemented AWS infrastructure security measures, including IAM policies, VPC configurations, and network controls.
- Conducted project monitoring by tracking logs, server health, and service performance to identify and resolve issues proactively.
- Deployed and managed infrastructure as code using Terraform, ensuring scalable and consistent provisioning of AWS resources.
- Containerized applications using Docker, simplifying deployment processes and ensuring consistency across environments.
- Monitored and optimized cloud architecture costs, reducing operational expenses while maintaining performance and availability.
- Optimized AWS infrastructure costs, reducing unnecessary resource utilization by **20%**.
- Strengthened cloud security by implementing IAM policies, VPC security controls, and least-privilege access.

PROJECTS

Three-Tier Application Hosting: -

- Designed and implemented a highly available three-tier architecture on AWS, separating web, application, and database layers for better scalability and security.
- Deployed and managed components such as EC2 instances for the application tier, ALBs for load balancing, and Amazon RDS for the database tier.
- Ensured security by configuring security groups, IAM policies, and network ACLs.

PHP Website Hosting: -

- Hosted PHP-based dynamic websites on EC2 instances, ensuring optimal performance and scalability.
- Configured LAMP stacks, implemented SSL certificates, and monitored server performance using custom Cloud Watch metrics.

Node.js CI/CD Pipeline: -

- Designed and implemented a Continuous Integration and Continuous Deployment (CI/CD) pipeline for a Node.js application.
- Integrated GitHub with Jenkins to automate the build and deployment process.
- Set up automated testing to ensure code quality before deployment to staging and production environments.
- Streamlined the pipeline for fast and reliable delivery of updates to production.

KEY STRENGTHS

- Expertise in designing secure and scalable AWS architecture.
- Hands-on experience with multi-layered cloud solutions, enhancing efficiency and reliability.
- Skilled in automating deployments and monitoring cloud performance metric.