PRASAD KALE

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DETAILS

Pune
India
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LINKS

LinkedIn

GitHub

aws training and certification

SKILLS

AWS

Cloud Computing

DevOps

Linux

Amazon S3

Amazon Elastic Compute Cloud

Amazon Relational Database Service

Amazon Virtual Private Cloud (VPC)

Elastic Load Balancing

Bash scripting

Automation

Git

Github

Gitlab

CI/CD

Docker

MySQL

PostgreSQL

Windows PowerShell

Prometheus

Grafana

LANGUAGES

English

Hindi

Marathi

PROFILE

AWS Cloud Architect Intern with 6 months of hands-on experience in cloud computing and infrastructure management. Skilled in deploying and managing AWS services such as EC2, S3, EBS, VPC, Auto Scaling, SNS, CloudWatch, Route53, and RDS. Proficient in shell scripting using Bash, implementing secure IAM policies, and optimizing AWS costs. Adept at configuring alarms, and generating performance reports, Seeking to leverage cloud engineering and automation within a dynamic team environment.

Key Skills:

- **Cloud Technologies:** AWS (EC2, S3, RDS, EBS, VPC, Auto Scaling, SNS, CloudWatch, ELB, IAM)
- **Networking:** Subnets, Routing Tables, NAT Gateways, Internet Gateways, Security Groups, VPC Peering
- **Automation & Scripting:** Bash, PowerShell
- **Web Hosting:** NGINX, Apache, S3 Static Hosting, PHP Applications, Python Applications
- **Monitoring & Reporting:** Custom CloudWatch Metrics, Alarms, AWS Billing Analysis
- **DevOps Tools:** Git, GitHub, GitLab
- **Operating Systems:** Linux-based server management
- **Containerization/Orchestration:** Docker, ECS

EMPLOYMENT HISTORY

Cloud Architect Intern at CRAVITA TECHNOLOGY, Pune
June 2024 — Present

Roles and Responsibilities:

- **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.
- **Produced AWS monthly billing reports** and implemented cost-optimization strategies to minimize expenses.
- **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.
- **Automated routine tasks** using **Bash scripting and crontab**, reducing manual effort and operational overhead.
- **Deployed and managed infrastructure as code** using Terraform, ensuring scalable and consistent provisioning of AWS resources.
- **Designed and implemented cloud architectures** tailored to specific client requirements, prioritizing scalability and reliability.
- **Configured SSL certificates** on Apache and NGINX servers to secure web applications.
- **Set up and managed OpenVPN** for secure remote access to cloud environments.
- **Monitored and optimized cloud architecture costs**, reducing operational expenses while maintaining performance and availability.

- **Containerized applications using Docker**, simplifying deployment processes and ensuring consistency across environments.

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.

S3 Static Website Hosting

- Hosted static websites on Amazon S3, leveraging CloudFront for CDN distribution and Route 53 for DNS management.
- Implemented bucket policies, SSL certificates, and caching mechanisms to optimize website performance and security.

EDUCATION

BCA, Collage Of Science Information Technology, Latur
June 2021 — December 2024