SUPRIYA BOMBALE

DEVOPS ENGINEER

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SUMMARY

Motivated DevOps and Cloud Engineer with experience in automating and managing cloud infrastructure. Skilled in Jenkins, Docker, Kubernetes, and Terraform for efficient development and deployment. Proficient in AWS, focusing on secure and scalable infrastructures. Experienced in CI/CD pipelines, monitoring, and system optimization. Eager to learn, contribute, and enhance operational efficiency.

WORK EXPERIENCE

ATOS-SYNTEL

1. Associate Consultant   JAN-2022 – PRESENT

- Monitored cloud infrastructure and application performance using **AWS CloudWatch** ensuring uptime and promptly resolving alerts to maintain service reliability.
- Responded to and resolved customer tickets related to **AWS EC2**, including instance failures, network connectivity issues, and performance optimization.
- Configured and managed **IAM** roles, security groups, and network ACLs to ensure secure and controlled access to AWS resources.
- Automated infrastructure provisioning and management using tools like **Terraform**, creating reusable and modular code for cloud resources.
- Managed and deployed containerized applications using **Docker** and orchestrated them with **Kubernetes** for scalability, fault tolerance, and efficient resource utilization.
- I handle tasks like setting up and scaling **Kubernetes** clusters, ensuring security, and monitoring performance. I also work closely with developers to optimize everything and keep the system reliable and efficient.
- Implemented robust backup and recovery strategies using **snapshots** and **AMIs** to ensure data continuity and disaster recovery readiness.
- Assisted in cost management by analyzing resource utilization, implementing rightsizing, and recommending **cost-optimization** strategies to reduce operational expenses.
- Supported the configuration of **AWS Elastic Load Balancers** (ELBs) to efficiently distribute traffic across multiple instances.
- Streamlined the **CI/CD** pipeline for java-based applications using **Maven**, resulting in a 20% reduction in build and deployment times.
- Collaborated with developers to optimize code repositories, resulting in faster code retrieval and collaboration using **GitHub**.
- Implemented and managed relational (e.g., **MySQL**) and non-relational (e.g., **MongoDB**) databases for scalable and reliable storage solutions.
- Configured and optimized **VPCs**, subnets, and established cross-region connectivity using AWS VPC Peering, ensuring seamless communication between resources.
- Configured **S3** buckets with lifecycle policies to optimize storage costs by archiving infrequently accessed data.
- Designed and maintained scalable CI/CD pipelines, integrated with Git, Docker, and cloud services, and resolved pipeline issues to ensure smooth and continuous delivery of applications.

2. Associate Consultant JULY 2020-DEC 2021

- Managed invoicing, onboarding/offboarding processes, and WBS assignments to ensure smooth operations.
- Handled ticket reports, demand creation, timesheet reminders, and mandatory training, producing weekly Jira/PO files, KPI reports, and monthly committee presentations.
- Mentored junior team members and provided administrative support, collaborating with project managers to improve processes and ensure high-quality execution.

3. System Analyst MAY 2018-JUN 2020

- Developing and optimizing SQL queries and managing MS Access databases to streamline processes and improve operational efficiency.
- Creating and executing SQL queries to control the flow of incorrectly adjudicated payments for hospital contracts, while addressing client queries and participating in daily client calls to synchronize work efforts.

SKILLS SUMMARY

- **Operating system**   : Linux (Ubuntu, CentOS), Windows
- **Cloud Platform**   : AWS (EC2, S3, EBS, EFS, VPC, IAM, Route 53)
- **Networking**   : Subnetting, Routing, VPC
- **Monitoring**   : CloudWatch, Datadog
- **Storage**   : S3, EBS, EFS
- **Source Code Management tool** : Git, GitHub
- **Infrastructure as Code (IaC)** : Terraform, CloudFormation
- **Containerization**   : Docker, Kubernetes, EKS
- **Build tool**   : Maven
- **CI/CD & Automation**   : Jenkins
- **Scripting Languages**   : Bash, Python
- **Web Servers**   : Apache Tomcat, Nginx
- **Soft Skills**   : Problem-solving, Communication skills

EDUCATION

- **MBA (Business Analytics, Human Resource Management)**
  Savitribai Phule Pune University, Pune, Maharashtra
  2021
- **Bachelor of Science in Computer Science**
  Savitribai Phule Pune University, Pune, Maharashtra
  2018

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect – Associate

PERSONAL DETAILS

- **Date of Birth**   : 27 July 1997
- **Gender**   : Female
- **Language Known**   : English, Hindi and Marathi
- **Interests**   : Open-source contributions, Cloud computing advancements
- **Permanent Address**   : Thergaon 411033, Pune, Maharashtra

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