

Rohan Makhale

DevOps Engineer.

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OBJECTIVE

Seeking a position to utilize my skills and abilities in a highly growth-oriented organization that offers security and professional growth while being resourceful, innovative and flexible.

TOTAL EXPERIENCE

Total 3.5+ years of experience as AWS DevOps Engineer. Coordinating with the Development teams for build & deployment of applications with automation using AWS DevOps.

PROJECT EXPERIENCE

Company :- Infosys Pvt. Ltd

(March 2022- till date)

Project:- Charles Schwab

Role:- DevOps Engineer

Roles & Responsibilities:-

- **AWS Infrastructure Management:** Designed, implemented, and maintained scalable cloud infrastructure using AWS services like EC2, S3, RDS, VPC, Lambda, and CloudFormation.
- **CI/CD Pipeline Implementation:** Developed and maintained automated Continuous Integration and Continuous Deployment (CI/CD) pipelines using Jenkins, AWS CodePipeline, and Git for faster and more reliable software delivery.
- **Automation & Configuration Management:** Utilized tools like Ansible and Terraform to automate infrastructure provisioning, configuration management, and deployment processes, ensuring consistent and repeatable environments.
- **Cloud Monitoring & Optimization:** Monitored cloud resources using AWS CloudWatch, implemented automated scaling, and optimized resource usage to reduce costs while maintaining system performance.
- **Security & Compliance:** Collaborated with security teams to ensure that all deployments comply with corporate security standards, including implementing AWS IAM roles, policies, and securing sensitive data.

Company : Mold-Tek Technologies Ltd

(Feb 2021 to Dec 2021)

Project 2 : Designed Infrastructure & Application automation solutions

Role : Cloud Engineer

- **AWS Compute & Storage Management:** Managed EC2 instances, created and configured Amazon Machine Images (AMIs), and handled snapshots for backup and recovery. Deployed applications on AWS and ensured optimal performance and availability.
- **AWS Storage Solutions:** Configured and managed Amazon S3 for object storage, implemented lifecycle policies for cost optimization, and secured data using S3 bucket policies and encryption mechanisms.
- **Database & Networking:** Worked with Amazon RDS for database management, optimized performance, and ensured high availability. Designed and configured VPCs, subnets, security groups, and route tables to establish a secure and scalable cloud network.
- **Access Management & Security:** Managed IAM roles, policies, and permissions to enforce access control and security best practices. Implemented multi-factor authentication (MFA) and least privilege access principles for enhanced security.
- **Monitoring & Logging:** Integrated Amazon CloudWatch for real-time monitoring, set up alarms for system health, and analyzed logs for proactive issue resolution and performance tuning.

- **Containerization with Docker:** Built and managed **Docker images and containers**, optimized containerized applications, and pushed images to **private repositories** for deployment across multiple environments.
- **Version Control & Collaboration:** Used **Git and GitHub** for **version control**, created repositories, managed branching strategies, resolved merge conflicts, and collaborated with teams for smooth development workflows.
- **Operating System Expertise:** Hands-on experience with **Amazon Linux, Ubuntu, Linux, and Windows**, ensuring smooth deployment, configuration, and troubleshooting across different environments.

Skills

- Version Control system : GIT
- Build tools : Maven
- CI Tool : Jenkins
- Containerization Tool : Docker
- Configuration Management : Ansible
- Cloud Platform : Amazon Web Services
- Scripting languages : Shell scripting
- Application server : Apache tomcat server
- Monitoring Tool : Cloud Watch
- Bug/ Project Tracking Tools : Jira
- Operating system : Windows, Linux, Ubuntu
- Orchestration : Kubernetes, Terraform

EDUCATION

- **B.E. Mechanical Engineering.** **2020**
Pune University.

DECLARATION

I hereby declare that the above particulars are true to the best of my knowledge and belief.

Place: Pune

Date: / / 2025

Rohan Makhale