Omer Saif Kazi

Hyderabad, Telengana | +91 7795209964 | imomersk@gmail.com | https://www.linkedin.com/in/omersaifkazi/

Summary

Experienced **DevOps Engineer** skilled in architecting and managing robust CI/CD pipelines and cloud infrastructure. Certified in **AWS Solution Architect** and **HashiCorp Terraform**. Proficient in automation, collaboration, and ensuring seamless software delivery for modern, microservice-based applications.

Education

M.TECH (COMPUTER SCIENCE & ENGINEERING) | 2022 | B.L.D.E. A'S DR.P.G. HALAKATTI COLLEGE OF ENGINEERING, VIJAYAPUR

B.E (COMPUTER SCIENCE & ENGINEERING) | 2020 | B.L.D.E. A'S DR.P.G. HALAKATTI COLLEGE OF ENGINEERING, VIJAYAPUR

TECHNICAL SKILLS

AWS, Azure Cloud	Docker, Kubernetes
Code Pipeline (AWS), GitHub Actions, Jenkins	Git, Maven, Jira, Nexus
Terraform, CFT (AWS), Azure ARM, Ansible	AWS Sage Maker, Lex, Textract, Transcribe, Comprehend
Python, PowerShell, Unix Shell Script(ksh,Bash), Groovy	MySQL, Aurora Serverless (AWS)
Prometheus & Grafana, ELK, Data Dog	PHP, HTML, CSS, WordPress

Certifications

- AWS Certified Solutions Architect – Associate - Amazon Web Services (AWS)
- HashiCorp Certified: Terraform Associate (003)
- DevOps with AWS – Gradious Technologies (P) Ltd

Awards

- Minfy Recognition Award for Customer-Centric in Minfy's Townhall 2k24

Experience

ASSOCIATE DEVOPS ENGINEER | MINFY TECHNOLOGIES PVT LTD| APR – 2022 TO PRESENT

- Implemented and maintained automated CI/CD pipelines for Code Deployment using AWS CodePipeline, while automating the deployment process which resulted in the **elimination of 70% of manual work.**

- Led end-to-end DevOps transformations, leveraging Terraform, Docker, and AWS services. Streamlined workflows, which reduced deployment time by 20% to achieve a **remarkable 30-minute average deployment duration**.
- Implemented seamless infrastructure provisioning on AWS using IaC i.e Terraform, optimizing services like CodeBuild, CodeCommit, and AppRunner. To **achieve a 25% reduction in deployment latency**.
- Designed a robust continuous integration pipeline, integrating technologies such as CodeCommit, CodePipeline, and Docker. This resulted in consistent image builds and a notable **30% improvement in development cycle speed**.
- Implemented AppRunner for continuous deployment, leveraging CodeBuild to fetch code and push images to ECR. Attained a 15% increase in deployment frequency, Showcasing an agile development environment.
- Employed Route53 to redirect traffic, leading to a 25% improvement in testing environment efficiency.
- Deployed CI/CD pipelines using GitLab and Terraform to configure infrastructure on AWS and store state at GitLab which resulted in **40 % cost savings.**
- Deployed CI/CD pipelines using GitHub Actions which shows Terraform operations that make infrastructure changes on AWS.
- Automated repetitive tasks and processes using scripting languages such as Python and Bash to improve operational efficiency.
- Implemented automation tools including AWS Cloud Formation template, Terraform, and Ansible to streamline deployment processes.
- Hands-on experience with monitoring infrastructure tools including Prometheus, Grafana, Cloud Watch, and DataDog, Nagios to ensure system reliability and performance.
- Demonstrated proficiency in diagnosing and resolving AWS infrastructure production incidents.
- Conducted security assessments and implemented best practices to ensure the integrity and confidentiality of systems and data
- Worked closely with cross-functional teams and stakeholders, demonstrating strong teamwork and communication skills to achieve project objectives and resolve issues with Agile-Scrum delivery methodologies.
- Led end-to-end DevOps activities in projects, ensuring streamlined processes and achieving enhanced project outcomes, including improved deployment frequency, reduced lead time, and increased system reliability

Projects

1. **Private Space Organization**

    - Documented customer requirements and proposed solutions, contributing to a streamlined proc ess
    - Led the containerization of application microservices, resulting in a 30% enhancement in deploy ment speed.
    - Constructed Terraform scripts for automated infrastructure deployment, ensuring a 40% reducti on in deployment speed
    - Implemented robust CI/CD Pipelines using GitHub, Jenkins for deployments, reducing manual eff ort by 40%.
    - Executed cost optimization strategies based on resource consumption, resulting in a 20% reduct ion in AWS expenses.

- Enhanced security using AWS services and conducted thorough testing, leading to a 20% decreas e in application vulnerabilities.
- Monitored application performance, ensuring optimal functionality throughout the process usin g ELK Stack.

2. **Travel Organization - DB Migration**

- Implemented the production-level setup of DocDB Instances and DMS infrastructure using Terraform, prioritizing high availability, scalability, and security
- Led end-to-end production data ingestion through AWS Glue, ensuring timely and accurate data processing.
- Implemented customized Data dog dashboards for enhanced operational insights
- The Migration from Mongo DB to Doc DB resulted in a 40% reduction in manual infrastructure management.
- The new system can handle more than 20,000 transactions per second which resulted in a 70% reduction in infrastructure costs.

3. **Govt. Firm NHA (National Health Authority)**

- Led the containerization of WordPress application, integrating a resilient DBaaS using AWS RDS with a Serverless Aurora Cluster, resulting in a 30% increase in system reliability.
- Utilized JMeter for load testing, demonstrating robust system performance with a 25% improvement in response time, while demonstrating scaling database dynamics through CloudWatch Dashboard, resulting in a 20% increase in data handling capacity and offering valuable insights into system growth and scalability.
- Implemented a DBaaS monitoring solution with CloudWatch and alarms, enhancing system visibility and reducing downtime by 90%.
- Documented comprehensive runbook and monitoring operations manual, facilitating seamless operational procedures and knowledge transfer for the team.

4. **ERP-System**

- Documented customer requirements, improving understanding of key activities such as quotation, booking, billing, payment, and shipment tracking
- Created detailed flowcharts and static webpages, enhancing usability and visual representation of processes to the client
- Constructed Terraform scripts for automated infrastructure deployment, boosting operational efficiency by 40%
- Implemented diverse CI/CD Pipelines using CodeCommit, CodeBuild, CodePipeline, and ECR streamlining ECS deployments and reducing manual effort by 30%
- Contributed to AWS cloud bill optimization efforts, resulting in a 20% reduction in overall costs
- Enhanced security using AWS services and rigorous testing, resulting in a 15% decrease in infrastructure vulnerabilities
- Monitored application and services until stabilization, ensuring optimal performance and functionality throughout the process using ELK Stack and Cloudwatch
- Documented comprehensive Runbook and operations manual for customers, providing clear guidelines for operational procedures.