MOHAMMAD ARIF PASHA
CloudOps & DevOps Engineer

✉ mohammadarifpasha@camelq.co.in
▭ CAML167055
📞 (+91)9490772281
🌐 **www.linkedin.com/in/mohammad-arif-pasha**
📍 Hyderabad

SUMMARY:

An aspirant to AWS & DevOps with a proven track record of designing, implementing, and optimizing cloud infrastructure solutions. Leveraging extensive expertise in AWS services, automation, and continuous integration/continuous deployment (CI/CD) pipelines, I aim to deliver high-quality, scalable, and reliable solutions that meet business objectives. Passionate about driving efficiency, reliability, and innovation, I am eager to contribute my skills and experience to a dynamic team dedicated to pushing the boundaries of cloud technology and DevOps practices.

EXPERIENCE:

Having total **1 Years 6 months** of Professional Experience in **DevOps**.

- ♦ I'm working as **Associate Software Engineer** at **CAMELQ SOFTWARE SOLUTIONS Pvt.Ltd**. Hyderabad from June 2025 to till date.
- ♦ I had worked as an **AWS DevOps Mentor** at **FULLSTACK ACADEMY**. Hyderabad from March 2024 to August 2024
- ♦ I had done my **Training** in **AWS DevOps** at **FULLSTACK ACADEMY**. Hyderabad from October 2023 to February 2024
- ♦ I had done my **Internship** in **VLSI Design Verification** at **SUMEDHA TECHNOSYS Pvt.Ltd**. From January 2019 to January 2020
- ♦ I had done my **Internship** in **ELECTRICAL DESIGN** at **HIEE Pvt.Ltd**. From September 2018 to December 2018

AWS Cloud (Services & Infrastructure):

- ♦ Worked complete hands-on with highly available and scalable infrastructure in AWS cloud by using various AWS services like; IAM, S3, Glacier, CloudFront, EC2, EBS Volumes, VPC, RDS, Route53, Elastic Beanstalk, CloudFormation, Security Groups, Load Balancing, Auto Scaling, CloudWatch, CloudTrail, Lambda, Dynamo DB.

SKILLS:

Programming & Scripting Languages	: Python, Bash script
Operating system	: Linux, Windows
Cloud Platforms	: Amazon Web Services **(AWS),** Microsoft Azure, Google Cloud Platform **(GCP)**
Version Control and Build tool	: Git, GitHub and Maven
Continuous Integration Tools	: Jenkins, Git actions
Analysis Tool	: SonarQube
Continuous Delivery Tool	: ArgoCD
Automation Solution Tool &	: JFrog
Vulnerability Assessment Tool	: Trivy
Artifactory	: Sonatype Nexus
Configuration Management	: Ansible
Cloud (Infrastructure as a Code)	: CloudFormation and Terraform
Containerization And Containerization	: Docker, Docker compose, Kubernetes
Package Manager Tool	: Helm
Web and Application Servers	: Tomcat, Apache2 & Nginx, Git pages
Management & Governance	: Auto-Scaling, CloudTrail

Database	: Amazon DynamoDB, Amazon RDS
Monitoring Tool	: CloudWatch, Nagios, Prometheus, Grafana
Project Management Tool	: JIRA
Microsoft Technologies	: MS Office

EDUCATION:

★ **M.Tech** in **Power Electronics** with **distinction** from **SR UNIVERSITY** (2020-2023)
★ **B.E** in **Electrical and Electronic Engineering** with **1ˢᵗ division** from Deccan College of Engineering & Technology, **OSMANIA University** (2014 – 2018)

PROJECTS DETAILS:

Project Title 1: **High Availability and Scalable Web Application Deployment on AWS with EC2, S3, RDS, and CloudFront, Route53**

Tools and Technologies

- **AWS Services**: **Amazon EC2**, **VPC, Amazon RDS**, **AWS Auto Scaling, AWS Load Balancer (ALB)**, **Amazon CloudFront, Amazon Route 53, Amazon CloudWatch, AWS Backup, Amazon S3**

Project Title 2: **Serverless Web Application with AWS Lambda and API Gateway**

Architecture Overview

1. **Frontend**: A static website hosted on **Amazon S3** and served via **Amazon CloudFront**.
2. **Backend**: Serverless APIs using **AWS Lambda** integrated with **API Gateway**.
3. **Database**: Use **Amazon DynamoDB** or **Amazon RDS (Aurora Serverless)** for data storage.
4. **Authentication**: Use **Amazon Cognito** for user authentication and authorization.
5. **Monitoring**: Use **AWS CloudWatch** for logs and metrics.

Project Title 3: **Automated Web Application Deployment on AWS with Terraform and Ansible**

Tools and Technologies:

- **Terraform**: Infrastructure as Code (IaC) tool for provisioning AWS resources.
- **Ansible**: Configuration management and automation tool.
- **AWS Services**: EC2, RDS, ELB, VPC, Security Groups, Subnets, and IAM.
- **Web Application**: A sample application (a static HTML & CSS website).

Project Title 4: **End-to-End CI/CD Pipeline for Web Application Deployment with Docker, Kubernetes, and Security Scans**

This project demonstrates a comprehensive CI/CD pipeline designed to automate the build, test, security, and deployment processes for a web application. The pipeline integrates best practices in DevOps, ensuring code quality, security, and efficient deployment across multiple environments. It leverages Jenkins to orchestrate tasks, Docker for containerization, and Kubernetes for scalable deployment. Security and quality checks like SonarQube analysis, OWASP Dependency Check, and Trivy scanning are incorporated to ensure the application meets industry standards. The deployment is carried out on Docker containers, Apache Tomcat, and Kubernetes clusters, providing flexibility and high availability.

JOB RESPONSIBILITIES:

- Managing the Cloud Infrastructure.
- Regular Tracking and checking the CloudWatch logs & Alarms.
- Managing various cloud resources like; EC2 servers, S3 Storage, EBS Volumes, Snapshots, VPC, IAM service, Lambda, CloudFormation, CloudFront Distributions.
- Collaborate worked with Developers team to write Python code to execute in Lambda.
- Created complete setup with EC2 server, Volumes, CloudWatch metrics and Lambda Function.
- Triggering Lambda and execute the code to identify and delete the unused snapshots (backup)
- Environment setup and writing Jenkins jobs and pipelines.
- Write ansible playbooks to pull the containers from the Artifactory and deploys it in environments.
- Containerized the applications using Docker File.
- Troubleshooting and Handling Critical Production issues on Kubernetes and Cloud platforms.

ADDITIONAL SKILLS:

- Teamwork
- Problem-solving
- Communication
- Adaptability
- Critical thinking
- Time management
- Interpersonal

LANGUAGES:

- Urdu (Native)
- English
- Hindi
- Telugu

DECLARATION:

I hereby to declare that the above stated information is true as best of my knowledge.

Date: MOHAMMAD ARIF PASHA
Place: