

Farida Pathan

Lead DevOps

Farida Pathan

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Summary

Passionate DevOps Professional with 8+ years of experience working in R&D Departments and handling CI/CD for enterprise customers. Skilled in Deployment and Release Management, Microservices Architecture, Jenkins, MySQL, Source Control, Docker, Shell scripting and AWS services.

An experienced team player with excellent communication and interpersonal skills who can work independently under pressure can lead, motivate, and influence others and can train and mentor subordinates.

Currently working as Lead DevOps Engineer at Synechron, Pune since Aug 2021.

Graduated in 2013 from Pune University.

Experience

Synechron / Client is a global leader in Fintech/ Banking

AUG 2021 - PRESENT, PUNE

- Managed CI/ CD for deployments on OpenShift using Jenkins pipeline
- Responsible for container vulnerabilities detection and remediation by upgrading vulnerable images to newer versions and updating Dockerfile
- Responsible for Dependency checks, vulnerabilities scanning and fixes for Java (Spring Boot) and NodeJS projects
- Collaborated with global teams for Production Releases
- Deeply involved in regular activities and platform upkeep related to QA, Staging and Production
- Part of Release planning and release cycles for all environments

Synerzip / Alertnest

APR 2020 - AUG 2021, PUNE

- Managing AWS cloud Infrastructure, Writing Infrastructure as code scripts using AWS CloudFormation and Terraform
- Build Docker images and use Docker compose for deploy services
- Setup CI using Gitlab-CI Pipelines.
- Setup CI/CD for Android and iOS using Android SDK and XCode integrated with Jenkins

Synerzip / Centric

SEPT 2019 - MAR 2020, PUNE

- Deployed all microservices using Docker-Compose
- Setup AWS EKS cluster for HA for Dev and QA environment
- For security, purpose handle all docker images as a private using secret
- Setup monitoring and logging using Grafana, Prometheus and Loki

Synerzip / Pure Storage

DURATION - 6 months, PUNE & US

- Used Private Cloud for CI/CD
- Manage K8s cluster for CI/CD using helm chart on private storage
- Create scripts for automatic creating Jenkins job while developer merges the code
- Successfully released on production
- Designing detailed documentation and Knowledge Base articles

Synerzip / 501 Ops

DURATION - 3 months, PUNE

- Analysis of the whole infrastructure for security inbound and outbound traffic.
- Set up AWS CloudWatch for monitoring and observability service.
- Implement whole AWS WAF service using OWASP for advance security.
- Implement CI/CD using bitbucket pipeline

Synerzip / Rezoomex

DURATION - 1 year, PUNE

- Managing AWS cloud Infrastructure, Writing Infrastructure as code scripts using AWS CloudFormation and Terraform
- Deploy microservices on Kubernetes cluster for HA for CI/CD using Kops
- Owning the monitoring dashboard using Grafana
- Also worked on a centralized logging system using Kibana, Elasticsearch, FluentD
- Run Dockerfile for deploy services
- Manage instance start-stop by lambda function using python script

Synerzip / Mercatus Inc.

DURATION - 3.5 years, PUNE

- Managing AWS cloud Infrastructure, Writing Infrastructure as code scripts using AWS CloudFormation and Terraform (Having more than 50 EC2 instances)

- Integrated tools like Jenkins, Gitlab and Jira for continuous Integration and update build status on slack.
- Handled QA, Staging and Production Environments and Releases.
- Centralized Logging System for developer team convent.
- Manage daily DB backup using AWS RDS.
- Hands-on EKS cluster

Skills

Cloud Technologies - AWS

Cloud Infrastructure Automation Tools - Cloud Formation, Terraform

Scripting - Shell

Build Automation Tools - Jenkins, Bitbucket, Gitlab

Deployment Tools - Udeploy

Containerization - Docker, Kubernetes, Docker-Compose, EKS, OpenShift

Vulnerability Scanning - BlackDuck

Revision/Version Control Tools - Git, GitLab, Bitbucket

Build Tools- Ant, Maven, Gradle

Artefact Management Tools - Sonatype Nexus

Operating Systems - Linux, and Mac

Programming Language - C, C++, JAVA(Basics)

Databases - Oracle, MySQL, MongoDB

Defect Tracking Tools - JIRA, QC

Monitoring Tools - CloudWatch, Grafana

Familiar with other Tools - Kibana, Helm, Grafana, WAF, Advance security tools, Loki, Android SDK, XCode

Achievements/ Accomplishments

Published blogs

<https://medium.com/@Synerzip/web-application-security-using-aws-waf-and-aws-shield>

<https://www.synerzip.com/blog/amazon-kinesis-data-firehose-for-detail-logging-in-aws-waf/>

Got Appreciation bonus and Stock options from the client for exceptional performance

Education

Bachelor of Information Technology, Engineering (66.0%)

Zeal College of Engineering, Narhe, Pune

2010-2013

Diploma in CS (78.0%)

Sou. Venutai Chavan Polytechnic College, Pune

Personal Details

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Visa - US Business Visa