

# Ashish Tomar

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## PROFILE

### Senior DevOps Administrator/Technical Architect

Experienced DevOps professional with background in Containers orchestration , infrastructure provisioning , maintenance of enterprise application lifecycle involving Source Code Management and deployment by putting best standard practices into usage.

On the functional ground , have implemented SWIFT/SARIE ( Local payment in K.S.A ) payment instrument across multiple customer in that geography

## EXPERIENCE

### Tata Consultancy Services , Gurugram

Jun 2011 – Present

Working as part of Payments domain , with background in middleware management and helping customer onboarding with on-premise and cloud based infrastructure.

Currently involved in Enterprise Application certification and enablement on Google Cloud Platform/Oracle Cloud Infrastructure.

NOTICE PERIOD 90 Days , last working day 24th Jan 2022

## EDUCATION

**Bachelor of Engineering ( Computer Science )**  
Jabalpur Engineering College , Jabalpur

2007 – 2011

## SKILLS

Infrastructure Management – Terraform/Ansible

Application Servers - JBOSS/WAS/Weblogic

Relational Databases – Oracle/DB2/Postgres

Logging Integration - ELF/EFK

Source Code Management – GIT/SVN

Image creation using Docker / Cloud Build / Podman

CICD Pipeline enablement using Jenkins /Tekton

Scripting language - Bash/Python

Google Cloud & OCI IaaS/PaaS/Hybrid services

- Compute Engine for VM on GCP /OCI
- RDBMS Cloud SQL for Postgre 12 on GCP/ Autonomous Databases on OCI
- Object Storage using Cloud Storage
- Google Kubernetes Engine / App Engine / Oracle kubernetes Engine
- Cloud Function/Oracle Function/Cloud Pub/Notification service

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## ROLES

### Application Server Admin (Gurugram)

Aug 2012 – Mar 2015

- Cluster deployment on Enterprise grade application server like WebSphere 7/8.5 , Weblogic 10.3/12c , Jboss EAP
- Troubleshooting Heap issue / connection pooling and Garbage collection related problem
- Integration of Application layer with reverse proxy and load balancers

### Production Admin ( Jeddah,Kingdom of SaudiArabia)

Apr 2015 – Jun 2019

- Application integration with middleware system like Application servers , Message Engine and API Gateways.
- Support for Unitary/Bulk payments for domestic/international mode.
- Security hardening ( tls upgrade) at App/Web/NLB layer
- Certificate/CSR Management for application/web layers
- Monitoring using Appdynamics/HP RUM
- Job Scheduling using CtrlM
- Integration with Core banking solution API via tcp/http calls
- Integration with SAG(Swift Alliance Gateway) for SWIFT network connectivity
- Database performance tuning using AWR & ASH analysis.
- Performance run for API using Jmeter/IBM RTP

### DevOps/Cloud Admin (Gurugram)

Jul 2019 – Present

- CICD deployment using Jenkins/Cloud Build/Object storage/Container Registry
- Container based deployment across public cloud provider on IaaS/PaaS services
- API integration on different gateways
- Usage of cloud based deployment strategy like Cloud Build
- Implementation of backends ( RDBMS) using DbaaS ( CloudSQL/Autonomous DB)
- Infrastructure as Code (Terraform) and IaC services like Deployment Manager & Resource Manager
- User authorization/authentication using IAM and kubernetes based RBAC policy
- Developing kubernetes client utility in python , as per customer requirements.

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## CURRENT TASKS

### Deliveries and Deployment

- Deployment for Enterprise Java based applications for on-premise/Cloud.
- Configuration of data sources/connection pool settings.
- Integration with message engines like Rabbit MQ/Enterprise MQ both in house and Marketplace offerings.
- Integration of Application Server (JBoss/WAS/Weblogic) with Web layer ( Apache/HTTPD/IHS).
- Configuration of Application with RDBMS Backends.
- Code versioning and maintenance using GIT/Cloud Repository
- Job Orchestration using Jenkins
- Pipeline includes Webhook based initiation/Code scanning/Artifact generation/deployment/Test Run/Approval based promotion.

## Image Creation/Container Orchestration

- Image creation using docker/podman
- Orchestration using Kubernetes for on-premise and Cloud Based managed services like EKS/AKS/GKE/OKE and PaaS offering of Openshift
- Usage of container based deployment tools like spinnaker

## Usage of Cloud based offering

- Compute/Network/Storage/Container Registry/Application development platform

## CERTIFICATIONS



- Oracle Cloud Infrastructure Security Associate
- Oracle Cloud Infrastructure Architect Associate
- Oracle Cloud Infrastructure Architect Professional
- Oracle Cloud Infrastructure Database Cloud Migration Specialist
- Google Cloud Associate Cloud Engineer

## REFERENCE

<https://www.linkedin.com/in/ashish-tomar-675b6737/>