

# Shammi Kumar

UG-4, Plot- 386, Sector-5, Vaishali, Ghaziabad, UP

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## OBJECTIVE

As a DevOps engineer, I am a firm believer of Learn, Unlearn And Relearn, having total 10 years of IT Experience, working on DevOps Tools (Git, Docker, Jenkins, Ansible, Kubernetes) Cloud Platform (AWS) and Database tools like Oracle and Sql Server. I have good idea of migrating on-prem servers to AWS Cloud using Lift and Shift and CloudFormation script and also migrated Oracle and Sql server databases.

## TECHNICAL SKILLS

- **DevOps**
  - Git
  - Docker
  - Kubernetes
  - Jenkins
  - Ansible
- **Database Administration**
  - Oracle 12c, 19c
  - Sql Server 2016, 2019
- **AWS Cloud**
  - RDS/EC2 creation
  - S3
  - ASG/ELB
  - Cloud Watch
  - IAM
- **Tools**
  - ServiceNow
  - Jira
  - TWS
  - Logic Monitor

## Devops Responsibilities:

- Working on lift and shift migration of On-Prem servers to AWS using cloudendure.
- We are maintaining infra as a code, so I work on AWS Cloudformation to build resources and github to maintain stacks repos.
- Work on modifying ec2 instance type to tune application performance.
- Installing and managing application and database services on EC2 instances.
- Creating and managing RDS instances, taking snapshots, patching them with the latest release.
- Configuring and managing Backup of ec2 instances using CPM (Cloud Protection Manager and Cohesity) and validating the retention of backups, troubleshoot the issue if required.
- Creating Launch Configuration and deploying Application on servers in Autoscaling group using AWS CodeDeployment Agent.
- Creating IAM users for new comers, assigning them minimum required policy and grant programmatic or console access as per requirement.

- Follow AWS trusted advisor recommendations to save cost of infrastructure by changing instance type, EBS volumes types and removing unused resources by removing them.
- Providing DevOps/Automation Solution to the customers according to their requirements using multiple DevOps tools like Ansible, Jenkins, Docker, GIT, AWS tools & Scripting.
- Working on Kubernetes cluster resources and managing namespaces.
- Working on kubernetes deployments for rolling updates and managing contexts.
- Maintaining customized CloudFormation templates on GitHub.
- Worked on creating customized images for Docker Containers.
- Performed Quarterly Patching on Linux servers via Ansible Automation.
- Experienced in Amazon Web Services cloud platform and its features like EC2, S3, ELB, Auto-Scaling, AMI, IAM, VPC and CloudFormation
- Migrated on prem Oracle and Sql server database to AWS ec2 instance
- Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
- Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes.
- Worked on Ci-CD pipeline setup using jenkins, maven and cloud-deploy services of AWS using apache server.
- Working on kubernetes deployments for rolling updates and managing contexts.
- Working on cost saving project and perform various operations like :
  - Power off Dev instance in night hours to save compute resources.
  - Terminate dev servers in night running in Autoscaling group by changing min,max & desired to 0.
  - Change volumes types from IOPS to GP2 for instances needing low throughput.

#### Database – Oracle and Sql Server Migration and Administration

- Experience Oracle and Sql server Database installation, decommission, administration and maintenance.
- Schema and Database refresh through RMAN duplication and data pump utility.
- Standby database patching, upgrade and also having Dataguard Environment.
- Database backup management using RMAN
- Upgraded and applied CU patches on Sql Server
- Worked on Sql server database refresh, log file management, user management
- Create and automated script using Sql Server agent

#### Middle-Ware – Weblogic 12c

- Installing and configured Weblogic 12c and domains on AWS.
- Deployment and troubleshooting of JAR, WAR, and EAR files in domain and clustered environments
- Patching of WebLogic servers in development, testing and production environment
- WebLogic Administration, Monitoring and Troubleshooting using Admin Console

## PROJECT #1

**Organisation** : Working as **DevOps Engineer** with **FUJITSU CONSULTING**, Noida.(Dec 2015-Till date).

**Client** : Harvard University Information Technology

### Description

Harvard University Information Technology is IT subsidiary of HARVARD UNIVERSITY. It takes care of IT division of Harvard having more than 500 Oracle database on Windows and UNIX, SqlServer database and middleware like Weblogic on Google Clou and AWS.

## PROJECT #2

**Organisation** : Worked as **Oracle and Sql Server DBA** with **IBM**, Noida.(July 2015-Dec 2015).

**Client** : ABN AMRO Bank

### Description

ABN AMRO Bank is a Dutch bank with headquarters in Amsterdam. ABN AMRO Bank is the third-largest bank in the Netherlands.

## PROJECT #3

**Organisation** : Worked as **Oracle DBA** with **TCS**, Gurgaon.(Feb 2014-July 2015).

**Client** : Merck KGaA

### Description

Merck KGaA is a German chemical and pharmaceutical company. It has around 500 databases (Oracle 10g and 11g) which include dev, test and prod database with AIX environment. All databases are mission critical with 24\*7 support.

## PROJECT #4

**Organisation** : Worked as **Oracle DBA** with **HCL TECHNOLOGIES**, Noida.(June 2011-Feb 2014).

**Client** : Adecco

### Description

Adecco is a HR management company. It has around 120 databases (Oracle 10g and 11g) which include dev, test and prod database with AIX environment. All databases are mission critical with 24\*7 support.

## PROFESSIONAL CERTIFICATION

- **AWS Certified Solutions Architect Associate**
- **Oracle 12c Certified Professional**

## EDUCATION

- **B-Tech** In Computer Science and Technology (2007-2011) – Passed with an aggregate of 75% from **Graphic Era Institute of Technology**, Uttarakhand.
- Passed Xth from CBSE Board with 80% (2004).
- Passed XIIth from CBSE Board with 68% (2006).

## PERSONAL PROFILE

Father's Name : Anil Kumar Singh  
Date OF Birth : 06-Feb-1988  
Marital Status : Single  
Language Known : English, Hindi