



# OMKAR CHAVAN

Senior DevOps Engineer

## SUMMARY

As a Senior DevOps Engineer with **7 years & 11 months** of experience, I am a highly skilled professional with expertise in designing, implementing, and managing DevOps practices, processes, and tools to optimize software development and deployment workflows. My extensive experience in cloud technologies (AWS, Azure), containerization using Docker and Kubernetes, automation, scripting languages like Python, Shell, PowerShell, and infrastructure as code (IaC) allows me to deliver reliable and scalable solutions for complex software systems.

Also Familiar with the ITIL and Incident management handling process.

As a Senior DevOps Engineer, I am committed to driving innovation, optimizing processes, and delivering high-quality solutions that align with business objectives. I am a proactive and collaborative team player, capable of leading and mentoring junior team members to achieve project success.

## EXPERIENCE

### DevOps Engineer

**LTIMindtree** Aug 2021 – Present

- Analyzing the infrastructure and delivery requirement and prepare solutions
- Helping teams to migrate the applications from Legacy system to containerized system
- Creating Robust and scalable infrastructure on AWS and Azure using Terraform
- Creating Application deployment pipelines using ADO to deploy on VM
- Creating application CI/CD and infrastructure deployment pipelines using (Git-Ops)
- Deploying the applications on AKS, EKS and bare-metal Kubernetes with Jenkins, GitHub actions and ADO
- Managing the environment and applications against threats with SonarQube, Mend and Qualys
- Contributing into Terraform modules in organization


### Associate

**MSCI** Feb 2021 – Aug 2021

- Analyzed the complete IT infrastructure for Vulnerability scanning
- Helped business to secure Infrastructure and services
- Managed the Azure Cloud using Azure CLI
- Created Python scripts for the reporting and automation
- Worked on Azure security center for Azure infrastructure security & compliance
- Engaged with Cyber security teams and Infrastructure team for review
- Supplied solutions for Golden Image and Pipelines
- Managed container security and registry security using Qualys
- Worked on Zero Day standards, if any attacks or vulnerability identifies

## CONTACT

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## SKILLSET & TOOLSET

- AWS
- Azure
- ADO
- Jenkins
- Docker
- Kubernetes
- Terraform
- GitHub
- GitHub Action
- CloudWatch
- New Relic
- Qualys
- Mend
- SonarQube
- CheckMarx
- Python
- Shell
- PowerShell
- Groovy
- IoT/IaaS/PaaS/HA/DR
- SQL / SQLite
- Postgres
- Technical Documentation (reStructuredText)

## CERTIFICATIONS

- Certified Safe v4.6
- AZ-900
- Az-303
- AZ-400
- AZ-500
- AWS-SA002: In Progress
- CKA: In Progress

## DevOps Engineer

**CitiusTech Healthcare Technology Private Limited** Aug 2019 – Jan 2021

- Analyzed the requirement and creating the automation using Jenkins CICD
- Helped business to move to Cloud and DevOps platform
- Managed the AWS Cloud using AWS CLI and Terraform
- Created Python, Shell, and Groovy scripts for the Deployment
- Created platform for AWS IoT Core devices, working on MQTT, X509 protocol
- Worked on AWS EC2, ELB RDS, Cognito, SES, SQS, SNS, Lambda, CloudWatch, Secret Manager
- Performed the Security and Vulnerability using SonarQube, Checkmarx and Flexner Code insight
- Created Gated Check-in for CICD pipelines
- Provided High Availability infrastructure for Cloud infrastructure

## Cloud Solution Architect

**Cloudxchange.io** Feb 2019 – Aug 2019

- Requirement gathering from business and Providing solutions to clients
- Followed CIS Benchmarks for OS Hardening and Cloud platform Hardening
- Configured and executing Replication, Backup and Snapshot for data redundancy
- Worked with execution team for deployment of EC2 instances, VPC, Security Groups, NACL, EBS, RDS in AWS Cloud
- Helped Operations team to build environment in Azure (V-NET, Resource Group, VPN, Snapshot, backup, ASR, DA, DR, Encryption, Network security)
- Provided robust solutions to business to run mission critical application with DevOps
- Prepared CI-CD DevOps platform to help faster growth of application development and integration
- Managed delivery of project and update the business on regularly

## Senior systems Engineer

**Infosys Limited** Nov 2015- Feb 2019

- Developed, and debugged Python/Unix based Applications.
- Developed Shell script for routine health check of server and Service monitoring
- Developed Python based Web-Application for application support. Created Dashboard, user access management using LDAP, Report generation using Python modules
- Created UI based application for daily activities like Incident management and billing purpose using Python scripts.
- Experienced in working on Deploying MATLAB and Python based Applications.
- Worked on GIT repository to manage version control for development and Production scripts.
- Deployed scripts as CRON jobs for system improvements and monitoring purpose.
- Written and modified Python script to automated deployment process, weekly report excels sheets generation and other activities based on requirements.
- Worked on Licensed application as License administrator to Performed license update of various applications in cluster environments in quorum.

## PROFESSIONAL SKILLS

- Accountability
- Creative thinking
- Team Player

## LANGUAGES

English 

Hindi 

Marathi 

## EDUCATION

- Bachelor of Engineering in EXTC from Sardar Patel Institute of Technology in 2015
- Licentiate Diploma in Electronics from Veermata Jijabai Technological Institute in 2012
- SSC (X) S.N.Y.D Vidyalaya in 2008

## PERSONAL DETAILS

- Date of Birth: 13<sup>th</sup> April 1993
- Hobbies: Playing Carrom and Badminton