




## CONTACT ME AT

 nileshchoudhary62@yahoo.com

 +81-070-9104-7474

 @nilesh-choudhary-a6216115a

## SKILLS SUMMARY



Creation and management of multi-cloud Infrastructure and Services



Automation development using Python



Experienced on Terraform and Cloudformation



Well versed with Azure DevOps



Creating end-to-end CI/CD pipeline using Jenkins, Gitlab, AWS Codebuild, CodeDeploy and CodePipeline



Efficient on Version Control Systems like git, gitlab and AWS Codecommit



Experienced on container services such as Docker and Kubernetes



Experienced on configuration management using Ansible and AWS SSM



Experienced in Logging, Monitoring and Alerting using Prometheus, Grafana, Cloudwatch

# NILESH CHOUDHARY



## CLOUD AND DEVOPS ENGINEER


### PERSONAL PROFILE


An accomplished Cloud and DevOps Engineer with experience in architecting, automating, and optimizing mission-critical deployments across large cloud infrastructures to deliver increased business value and responsiveness for Fortune 500 companies as well as startups.


### SUMMARY OF PROFESSIONAL EXPERIENCE


- Good hands-on experience and expertise in AWS, Azure, Terraform, Packer, Jenkins, Git, Python, Linux, Networking
- Sound knowledge in Infrastructure as Code using Terraform and CloudFormation
- Good hands-on experience with Application deployment on AWS using CI/CD
- Good hands-on in management and patching of EC2 Compute resources using AWS Systems Manager
- Good hands-on experience of Git Version Control System in terms of continuous integration as well as using its libraries in automating tasks in Python
- Good knowledge of Scripting and Automation using Python and Linux Bash
- Excellent knowledge of Serverless Computing with hands-on experience
- Good experience in integrating Single Sign-On in applications such as SonarQube, Jenkins, etc. using Okta for user authentication
- Strong knowledge of Logging, Monitoring, and Cost optimization of AWS resources
- Good knowledge and hands-on experience with ticketing tools such as Service-now and Xmatters
- Strong knowledge and hands-on experience of containerization technologies such as Docker, ECS, and Fargate, AKS, EKS
- Agile Scrum-based projects experience
- Networking experience using protocols such as TCP/IP, Firewalls, DNS, SSL etc.
- Excellent Knowledge of Change management And Problem Management
- Good analytical skills, organized, superior problem-solving abilities
- Good communication and technical documentation skills


## CERTIFICATIONS


 AWS Certified Solutions Architect Associate


 Hashicorp Certified Terraform Associate

 Microsoft Azure Fundamentals


 Microsoft Azure Administrator


 Scruminc. Licensed Scrum Master


 Oracle Cloud Infrastructure Certified

 Aviatrix Certified Multi-Cloud Network Associate


## AWARDS


 Received 'Above and Beyond' award for Q2 2022 - Presidio Solutions Pvt. Ltd.


 Received 'Spot' award for Q4 2021 - Presidio Solutions Pvt. Ltd.

 Nominated for the most valuable player of the month in 2019 - John Deere India Pvt. Ltd.

## EDUCATIONAL HISTORY

 Bachelor Of Engineering in IT | July 2013 - June 2017

 Senior Secondary School Certificate | June 2012

 Higher Secondary School Certificate | June 2010

## WORK EXPERIENCE

### DevOps Engineer

Catalina Marketing K.K. Japan | July 2023 - Present

- Construct and manage access controls for the Rundeck Automation Tool.
- Identified, documented, and implemented cost-saving techniques as part of the Cloud Cost Optimization effort.
- The Transition Service Agreement's operations are reported and communicated within the team.
- Scan and help fix company's applications for security flaws.
- On-call support for the Platform production issues.

### Site Reliability Engineer

Rakuten Japan | February 2023 - June 2023 | Contract

- Created shared Jenkins pipeline library for utility functions such as docker image builder, sonarqube, trivy scanning etc.
- Worked on monitoring aspects of the applications such as alerts, logs, metrics etc.
- Worked on using Prometheus APIs in automation for self service tools.
- Worked on creating, updating and migrating php, kotlin CI/CD pipelines.
- Worked on creating Kubernetes infrastructure using terraform.
- Worked on improving the availability of the systems.

### Senior Cloud Engineer

Presidio Solutions Pvt. Ltd. | May 2021 - January 2023

- Created automation scripts for SSM Run command and Patch Manager.
- Developed cost management insights and alerting mechanisms, monitoring snowflake resource utilization, automated the deployments using Terraform, CFN
- Assisted in creating Cloud governance and cost optimization best practices by understanding the existing environment.
- Developed Serverless Architecture for an automation system that monitors the automated guided vehicles in the factories.
- Responsible for debugging and performing the RCA for platform outages and providing on-call support for the same.

### Software Engineer - Cloud and DevOps

John Deere India Pvt. Ltd. | March 2018 - May 2021

- Creation and administration of a highly available Jenkins platform hosted in the cloud for application CI/CD.
- Contributed to the Cloud Capability team by working on proofs of concept to incorporate new AWS services.
- Created terraform modules to provide developers re-usable snippets for infrastructure deployment.
- The development of several deployment frameworks that aid in cost reduction and process improvement.
- An integral part of the Cloud Centre Of Excellence team and contributed to internal trainings on the cloud.