



CHANDAN KUMAR

📍 BENGALURU, INDIA 📞 +91 9341773806

◦ DETAILS ◦

Bengaluru
India

+91 9341773806
adsk.chandan@gmail.com

Date of birth
02-January-1990

Nationality
Indian

◦ LINKS ◦

[Profile](#)

[GitHub](#)

[LinkedIn](#)

[StackOverflow](#)

[PyPi Community](#)

◦ SKILLS ◦

AWS

Python

Terraform

Git

RabbitMQ

Jenkins

Json & YAML

Linux

Docker

Ansible

Nagios

Dynatrace

Kubernetes

Microsoft Defender Vulnerability
Management



EMPLOYMENT HISTORY

Senior Cloud DevOps Engineer at Autodesk India Pvt. Ltd., Bengaluru

June 2021 — Present

- Utilize AWS to architect & migrate services to cloud. Always build Autodesk-wide generic solution.
- Optimize costs and automate manual processes with security best practices.
- Ensuring availability, performance, security and scalability of production systems.
- Strive for continuous improvement, continuous integration, continuous development and constant deployment pipeline using AWS services & Jenkins.
- Design & providing recommendations for architecture and process improvements using DevOps and security best practices.
- Build end to end automated pipeline to On-board Microsoft Defender Vulnerability Management on ~15k Virtual Machines.
- Develop self healing solutions and participate in troubleshooting and outages.
- Create, guide and assign tasks to team members. Perform requirement analyses.
- Strong technical knowledge and skills, consistently provide technical guidance and develop team members.
- Assuring quality by reviewing other developers' code and providing feedback.
- Work with product managers on issues or questions related to system requirements.

Senior Cloud Engineer at Thomson Reuters, Bengaluru

December 2018 — June 2021

- Develop services using AWS serverless architecture to aid on premise apps to migrate to cloud using AWS best practices.
- Deploy resources/applications to AWS using DevOps best practices with CICD tools such as GitHub, CodeBuild, CodeDeploy and CodePipeline utilizing IaC with AWS CloudFormation and Terraform.
- Setting up Kubernetes cluster manually from scratch and creating PODs, services, deployment, labels, health checks, Ingress/Egress etc. by using YAML files.
- Provide guidance to application teams on leveraging AWS to ensure highly availability and fault-tolerance.
- Implement centralized monitoring/logging system and automate remediation process for self-healing.
- Participate in outages and troubleshooting process.
- Migrate the existing projects/applications into cloud using cloud native solutions.

Senior Software Engineer at Amadeus Software India Pvt. Ltd, Bengaluru

June 2018 — December 2018

- Develop application code using Python language.
- Develop, test, implement and maintain application software.
- Create and consume RESTful APIs using Python programming language.
- Identify and suggest various opportunities to improve efficiency and functionality.
- Providing guidance and knowledge transfer to new team members.

Senior Software Engineer at Philips Healthcare, Bengaluru

December 2016 — June 2018

- Collaborate with product owners to understand & gather business requirements.
- Writing effective, scalable and reusable code and performing code review.
- Work closely with the Operations team to fix high priority issues.
- Maintain documents, writing Python unit test cases, code coverage and validating the workflow of application.
- Focus on implementing DevOps engineering for maintaining environments availability, reliability, performance and security.
- Build and maintain infrastructure with Ansible, Python and bash script. Use Jenkins to automate the software releases, debug and fix any build issues.
- Build and monitor the infrastructure using Shinken and ELK stack. Containerise the application using Docker.
- Providing guidance and knowledge transfer to new team members.

Program Analyst at Cognizant Technology Solutions, Bengaluru

November 2013 — August 2016

- Gather Requirements, research, analyze & evaluate, design of application.
- Setting up the development environment which includes Jenkins server, RabbitMQ, GitLab and database.
- Programming in Python to meet system requirements, system designs and technical specifications in accordance with quality accredited standards.
- Maintaining documentation, writing PyUnit test cases, PostgreSQL DDL & DML statements.
- Building the modules to communicate to each other using RabbitMQ & Python.
- Modeling the data using Python for Machine Learning model and validating it.



EDUCATION

Bachelor of Technology in Information Technology, Biju Patnaik University of Technology, Bhubaneshwar

August 2009 — July 2013

First class honors (7.76 CGPA)



CERTIFICATES

AWS Certified DevOps Engineer - Professional

May 2023

HashiCorp Certified: Terraform Associate

May 2023

AWS Certified Solutions Architect – Associate

September 2020