Chandan Kumar

Details

https://thisischandanmishra.github.io/

Bengaluru, India, 560095

+91 9341773806

adsk.chandan@gmail.com

NATIONALITY

Indian

DATE OF BIRTH

02-January-1990

Skills

AWS

Terraform

Jenkins

Python

Linux

Git

Docker

Kubernetes

RabbitMQ

Ansible

Nagios

Languages

English

Hindi

Profile

Highly skilled DevOps Engineer has exceptional development ability and extensive knowledge of programming in Python. Has excellent analytical and problem-solving skills and a strong ability to work with minimal supervision.

Employment History

Senior Cloud DevOps Engineer, Autodesk, Bengaluru

JUNE 2021 — PRESENT

- Cost optimization and follow security best practices along with automating manual processes.
- Ensuring availability, performance, security, and scalability of production systems.
- Strive for continuous improvement and build continuous integration, continuous development, and constant deployment pipeline using AWS services.
- Providing recommendations for architecture and process improvements.
- Automate manual processes using Python or Powershell.
- Help other teams in developing their solution considering DevOps and security best practices.
- Develop self healing solutions and participate in troubleshooting and outages.

Senior Cloud Engineer, 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, 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.

Senior Software Engineer, 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, 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

JUNE 2022

AWS Certified Solutions Architect – Associate

SEPTEMBER 2020

Terraform Associate

DECEMBER 2020

Achievement

- StackOverflow active contributor.
- PyPi open source contributor.
- Saved $4,000 per month AWS Cloud bills.
- Got awarded for designing & developing analytics pipeline in AWS.
- Got awarded for rearchitecting cloud-tool in Kubernetes.
- Got awarded for developing pipeline to periodically scan all Windows servers for CVE vulnerabilities.