

**Vinod Kumar**

Personal details

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Hans Enclaves, Rajiv Chock 122022 Gurgaon

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Skills

Python

Service-now(Automation)

JavaScript (ES6+) HTML5

CSS3 SQL

GraphQL

SPARQL

Django

Flask FAST API

React.js Redux Bootstrap Node.js Express.js

AWS (EKS, ECS, ECR, DynamoDB, KMS, Cognito, S3, Route 53, Amplify, Graph QL, SQS)

Docker Kubernetes Jenkins, GitHub, Gitlab

GitLab CI

Git GitHub

# Profile

Highly skilled and results-driven Full Stack Developer and Python Architect with over 10.5 years of experience in building, deploying, and maintaining web applications and network automation systems. Proficient in Python, Django, Flask, FAST API, React, Service now and cloud platforms like AWS, with hands-on experience in Docker, Kubernetes, CI/CD, and Git.

# Education

## B. Tech. (Information Technology) 2010 - 2013

MDU

## 12th 2008 - 2009

HBSE

## 10th 2006 - 2007

HBSE

# Some Important Projects

Project1: Self-Provisioning-Portal

Description: It’s Python, Service-Now, OCI, Azure based infrastructure-based tool to create services on Azure, OCI when user will submit a request from service-now

Skills: Python, Service-Now, JavaScript

Design pattern: Event-Driven

Application Platform: Service-Now, Azure, GitHub, OCI

Databases: Oracle

Project1: F5 Self-Service Application

Description: It’s a Django and React based application and having features to creates VIPS, iRule and ROSA migration

Skills: Python, Django, React

Design pattern: Singleton, Adapter

Architecture: Microservices

Application Platform: EKS

Databases: Dynamodb, MySQL

Project2: IAAS-DB

Description: It’s a FAST-API and React based application and having features to Store, create, update network entities like VLAN, WAN attributes-structure

Skills: FAST-API, React

Design pattern: Singleton, Factory-Method

Architecture: Microservices

Application Platform: ECS

Databases: DynamoDB

Project3: Penalty Box

Description: It’s a Flask and React based application and having features to Block the IP’s and Users based on logs from Splunk, Elastic Search, Fire-wall

PostgreSQL MySQL

MongoDB Redis

DynamoDB

Languages

English Hindi

Skills: Python, Flask, React

Design pattern: Singleton, Factory-Method

Architecture: Microservices

Application Platform: ECS

Databases: MySQL, Redis

Project4: Wind-River Galary

Description: It’s a Django and React based application and having features to Develop the Microservices based tools and application and also able to optimize the same

Skills: Python, Django, React

Design pattern: Singleton, Adapter, Decorator

Architecture: Microservice

Application Platform: on-premises -Kubernetes

Databases: SQLite3, Postgres, DynamoDB

Project5: Medical-Clinical-Trials

Description: It’s a Django and React, NLP-ML based application and having features Collect world-wide clinical trials data and able to search the research document using chat-bot feature

Skills: Python, Django, React, NLP, ML, KNN

Design pattern: Singleton, Adapter, Decorator

Architecture: Microservice

Application Platform: on-premises -Kubernetes

Databases: SQL

# Employment

## Associate Consultant & Network Automation Lead

HCLTech, Noida

## Jul 2024 - Present

 Being a Python architect, Responsible for designing the overall structure of our Python-based applications and systems, ensuring that they are scalable, efficient, and easy to maintain.

 Responsible to define the architecture like microservices, or event-driven, based on the project needs.

 Being a full-stack developer responsible to develop and maintain front end and back-end of the application with deployment and optimization process

 **Environment and Skills** : Python, Django, Flask, Service-Now, Ansible, Typescript, React, AWS ROSA, EKS, ECS, ECR, DynamoDB, Cognito, S3, SQS, Route 53, Amplify, Graph QL, Splunk, Grafana, VSCode, Draw IO, Python test Case, Jest

**Technical Lead (Full Stack Developer) May 2022 - Jun 2024** Capgemini, India, Windriver Galary

 Responsible for designing the overall structure of Python-Django and React based applications and systems, ensuring that they are scalable, efficient, and easy to maintain.

 Environment: Node JS, Python, Django, Typescript, React, Grafana, EKS, ECS, ECR, DynamoDB, Cognito, KMS, S3, Graph QL, VSCode, Draw IO, Python test Case, Jest

**Sr. Software Engineer Jul 2020 - Apr 2022** Orange Business Services, Gurgaon

 Collaborated in developing back-end services using Django and Flask, handling RESTful APIs and database management with PostgreSQL.

 Environment: Python, Django, Node JS, Angular, EKS, ECR, DynamoDB, Cognito, KMS, S3, NSO, Ansible, VS Code, Draw IO, Python test Case, Jest

**Sr. Software Engineer Jul 2017 - Jul 2020** GSK WNS Global Services, Gurgaon

 Developed a medical information retrieval system using React.js for the front- end and Flask for the back-end, allowing healthcare professionals to query patient data with ease.

 Environment: Python, Django, Pandas, numpy, Sk-learn, nlp, React, Type Script AWS, Angular, Draw IO, Python test Case, Jest

## Software Engineer Apr 2016 - Jun 2017

Magna Infotech (parent company Quess Corp LTD), Gurgaon

 Used Python and Django to implement automated ticketing for network issues and provided troubleshooting workflows directly through the dashboard.

 Environment: Python, Django, Node JS, Angular, AWS, NSO, Ansible, VS Code, Draw IO, Python test Case, Jest

**Associate-IM Jun 2015 - Apr 2016**

Egon Zehnder Information & Research Services Pvt. Ltd, Gurgaon

 Built automated Python scripts using Pandas, NumPy, and SQLAlchemy to clean, process, and analyze large datasets, delivering actionable insights and visualizations for financial reporting and analysis.

 Environment: Python-SQL