

Abhinav

Python Developer | Data Engineer

Python Developer with more than 3+ years of experience in Backend development, Data engineering, and Cloud computing. Well-versed with Distributed Systems, Data architectures, and managing Infrastructure through code.

Skills:

- Python
- Elastic Search
- Pandas
- Spark
- Django
- AWS
- SQL
- Terraform
- Airflow
- Docker

Work History:

Software Engineer

Distributed Data ingestion system

- Working on distributed data ingestion system with 10+ clusters running 1000+ workers to scrape data using scrapy spiders.

Integrated Serverless ELT Data Pipelines

- Integrated external data source to data warehouse using ELT data pipeline with AWS tools like Lambda, Kinesis, and dynamodb.

Managing Data Warehouse

- Managing data warehouse with 90+ nodes on elastic search cluster, wrote index mappings, queries, and index rotations.

Managing Infrastructure using Terraform

- Authored terraform for managing infrastructures like CI/CD pipeline, ECS Cluster, ELB, Elastic search Cluster, etc.

Developed Apis

- Wrote Apis in python using FastApi and Django frameworks.

Sr. Software Engineer

Provided solution to the business in last-mile delivery.

- Authored algorithm "address validator and geocoder" to prevent shipments misroute in last mile delivery by validating and geocoding authentic addresses with 85% accuracy. 2019-04 - 2020-07 Hindi Very Good

Automated manual task of path creation and vehicle allocation.

- Developed module to find shortest path between origin and destination with optimal load allocation to vehicles, saved 40+ hours of manual work.

Created Apis in Django.

- Wrote APIs in Django to integrate services developed with company's products.

Data Engineering.

- Wrote ETL scripts
- Processed data using spark, pandas, etc.

Associate Software Engineer

- Developed & owned module that Identify & classifies the Webpage based on its structure & URL. Scraped digital world of Life Sciences using data mining tools.
- Worked on information retrieval system.

Education:

- B.Tech (Hons.): Electrical And Electronics Engineering Sharda University - Greater Noida