



Sahil Tanwar

Senior Python Developer

Worked in the Financial and Telecom domain with almost 6.5 years experience in the Development and Designing of DWH/BI and APIs. The roles involve requirement gathering, technical analysis, evaluation, development, implementation and support.

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WORK EXPERIENCE

Senior Software engineer Gartner

11/2021 - Present
Senior Python Developer

Achievements/Tasks

- Working on developing Data Pipeline using AWS serverless architecture using resources like Lambda, SNS, SQS and AWS Glue and provisioning with **Terraform**.
- Involved in Python OOD code for **quality, logging, Security Reviews, monitoring, and debugging** code optimization.
- Extensive code reviewing using **Bitbucket** pull requests, improved code quality, and conducted meetings among peers.
- Collaborated with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions.

Senior Analyst programmer Fidelity International

10/2020 - Present
Senior Python Developer

Achievements/Tasks

- Worked on Data pipelines build with **python, Control-M** and **oracle**.
- Worked on Python code generator for developing API frameworks(**Flask RestFul** and **FastAPI**) using API Gateways like APIGEE and Layer 7 API Gateways.
- Passionate about gleaning insightful information from massive data assets and developing a culture of sound, data-driven decision making.
- Worked on designing and developing CI/CD pipelines using **Bamboo, Docker, Sonarqube, Jenkins, Bitbucket** and Urban Deploy.

Senior Software engineer Bharti Airtel

09/2019 - 10/2020
DTH Stack - Automation lead

Achievements/Tasks

- Strong knowledge of data profiling, data standardization, transformation, cleansing and best practices to apply on high volume data, worked on data pipelines built with ELK, oracle and python.
- worked on developing a model to find anomalies in metrics data and grouping it with K means clustering algorithm.
- Experience in working with python CLI frameworks like Argparse and Click.

Software Engineer Wipro Technologies

06/2015 - 09/2019
DWH/BI Developer

Achievements/Tasks

- Well versed in developing complex **SQL queries**, unions and multiple table join and experience with Views for creating complex reports for Siebel application.
- Produced attractive visuals/dashboards to convey the story inside the data using Tableau.

EDUCATION

Bachelor of Technology Amity University

07/2011 - 05/2015

Courses

- Electronics and Communications

Noida - UP

SKILLS

SQL

PL/SQL

Python

Flask

unix

Devops

pandas

ELK

PostgreSQL

Django

Terraform

FastApi

Lambda

Serverless

Oracle

AWS

AUTOMATION PROJECTS

Physical to Cloud(AWS) migration of oracle server using python (Django)

- Developed the web application with a GUI using Django where users can easily enter details of oracle servers and can select the type of DB migration (Full refresh, specific tables).

Data Lake on ElasticSearch

- Developed different data pipelines, aggregating data in elastic search to find a correlation between different matrices across different data sets

DQ Check framework

- Developed the Python Framework which checks different data set based on Subject areas and DQ rules and generates detail compliance report.

Telegram bots

- Developed Telegram bots for business and marketing team to bridge the gap and reduce the response time for OPS and helps in bring transparency between teams.

LANGUAGES

English

Native or Bilingual Proficiency

French

Elementary Proficiency

INTERESTS

Football

Cricket

Sketching

pizza enthusiast

Athletics