

# TEJA C

Python Developer

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## Professional Profile

- Over 4+ years of experience as a software web application developer in analytical programming using Python, Django, object oriented programming, database design and agile methodologies.
- Experienced in developing web - based applications using Python, Django, XML, CSS3, HTML5 and JavaScript
- Real-time experience in developing Python REST API Django web applications.
- Experience in creating multiple Django apps and extensively used Django Session and management.
- Mastered in understanding of Python requests module and HTTP requests, HTTP Response Redirect, response, methods, headers.
- Experience using Azure Web App services for deployment and production.
- Extensive knowledge in writing complex Queries, Stored Procedures, Triggers and Functions on SQL and PostgreSQL database.
- Strong focus on data quality, performance optimization, and cross-functional collaboration to deliver impactful business insights and reporting solutions.
- Worked with various big data file formats such as Apache Parquet, CSV, AVRO, and JSON while developing big data applications using Apache Hive and Apache Spark.
- Implemented control flow architecture to manage the data extraction from various sources based on the business requirements.
- Develop deep understanding of the data sources, implement data standards, and maintain data quality.
- Imported data from file-based systems and relational databases into the azure datalake storage in standard file formats such as Apache Parquet using Azure Data Factory and Azure databricks.
- Specialized in designing and building scalable ETL pipelines, data models, and analytics solutions using Azure(Data Factory, Databricks(PySpark), Synapse Analytics), SQL, PowerBI
- Designed and developed a generic notebook to validate the data between source and target across multiple stages of data processing.
- Developed ETL/ELT pipelines using big data and cloud technologies such as Apache Hive, Apache Spark, Azure Data Factory, and Azure Data bricks.
- Experienced in Agile methodologies with hands-on sprint planning, tracking, and delivery via Azure Boards.

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## Skills

- **Python, Django, DjangoORM, RESTAPI, FastAPI, SQL, PostgreSQL, HTML5, CSS, JavaScript, Azure Data Factory, Azure Databricks, PySpark, Azure Synapse Analytics, PowerBI.**

## Career Summary

### Python Developer – Contract | Infosys

2023 – Present

- Experience in gathering requirements by attending to several meetings.
- Created templates for page rendering and Django views for the business logic.
- Used Django REST framework and integrated new and existing API's endpoints.
- Created forms and loaded data into the SQL database.
- Hands on experience in developing dynamic web pages using HTML5, CSS and JavaScript.
- Built JSON objects using the framework which will be worked on by JavaScript to control the flow of the page.
- Developed and handled business logic through backend Python code.
- Extensive knowledge in loading data into charts using python code.

### Python Project Engineer – Full Time | Wipro Ltd

2020 – 2022

- Experience in working at various phases of project such as analysis, design, development, and testing.
- Using Django Framework model, implemented MVC architecture and developed web applications with user-friendly interface.
- Developed the business logic in views for the URLs created and linked the web pages to functions in views to show the output to the end-user or to store information from the website into the database.
- Worked on Django REST framework as it is much faster to read data and it can be cached. REST allows more formats than SOAP and gives better support for browser clients as it supports JSON.
- Worked on Django ORM API to create and insert data into the tables and access the database.
- Extensive knowledge in doing python file operations and reading data and make operations to get desired outputs
- Worked on creating RESTful http services to interact with user interface.
- Experience on using Django admin and created super users, updated tables in the database.
- Extensive knowledge in using models to create tables and synchronizing it with database.
- Experience in writing complex SQL queries and performed various operations like Create, Update, Read and Delete.

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## Education

- **MSc. Data Science**–University of Greenwich (2022 – 2023)  
Coursework Hands-on: **Numpy, Pandas, Matplotlib, Scikit-learn, TensorFlow, XGBoost**, data preprocessing, feature selection, model training & testing, hyper-parameter tuning, evaluation (**cross-validation**), metrics (**ROC-AUC, RMSE, and accuracy**)