

Tej C

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Professional Summary

Results-driven Python Developer with 4+ years of experience in designing and developing web applications and scalable backend solutions. Strong expertise in Python, Django, FastAPI, RESTful API development, and cloud platforms including Microsoft Azure. Adept at building efficient, secure, and resilient systems using object-oriented programming principles and modern DevOps tools. Experienced in Agile environments, with a collaborative mindset and a passion for mentoring and continuous improvement.

Technical Summary

Languages: Python, SQL, JavaScript, HTML5, CSS3

Frameworks/Libraries: Django, FastAPI, Django REST Framework, PySpark

Databases: PostgreSQL, SQL Server

Cloud Platforms: Microsoft Azure (ADF, Databricks, Synapse, Azure Web Apps)

DevOps Tools: Git, Docker, Azure DevOps, CI/CD Pipelines

Other Tools: Power BI, Apache Hive, Apache Spark, JSON, Apache Parquet

Professional Experience

Python Developer – Chubb Ltd

2023 – Present

- Developed scalable RESTful APIs using **Django REST Framework and FastAPI**.
- Implemented server-side logic for high-performance data-driven applications.
- Created responsive frontend components using **HTML5, CSS3, and JavaScript**.
- Wrote unit tests with **unittest and pytest** to ensure code quality.
- Led **Agile** ceremonies such as daily standups, sprint reviews, and retrospectives.
- Mentored junior developers on best practices in Python and REST API design.
- Deployed applications using Azure Web App Services and managed CI/CD pipelines.

- Enhanced system scalability by **optimizing database queries and API performance**.
- Integrated third-party services including payment gateways and authentication APIs.
- Implemented role-based access control and **JWT-based authentication**.
- Worked closely with UX/UI teams to improve front-end responsiveness and interactivity.
- Conducted peer code reviews and provided constructive feedback to improve code quality.

Python Project Engineer – Wipro Ltd

2020 – 2022

- Developed full-stack web applications using Django **and Django REST Framework**.
- Applied **MVC architecture** and implemented business logic in **Django views**.
- Built and consumed APIs using **RESTful** services; emphasized performance and scalability.
- Integrated **Git** for version control and automated deployments via **CI/CD workflows**.
- Designed **SQL and PostgreSQL** queries, stored procedures, and views.
- Used **Docker** for containerization and deployment consistency.
- Participated in **Agile** project planning, sprint execution, and retrospectives.
- Developed reusable Django components and modularized codebases for scalability.
- Migrated legacy applications to Django-based architecture for better maintainability.
- Integrated cloud-based storage services (Azure Blob Storage) for media handling.
- Created automated testing pipelines using PyTest and Azure DevOps.
- Collaborated with QA teams to define and implement test strategies for backend systems.

Cloud & Data Engineering Projects

- Built scalable ETL pipelines using **Azure Data Factory**, **Databricks**, and **Apache Spark** to process large datasets in **Apache Parquet** and **JSON** formats.
- Built a data lakehouse using Azure Data Lake, Delta Lake, and Synapse to support real-time analytics and speed up data queries. Used Azure Data Factory, Databricks, and Apache Spark to process large data files in Parquet and JSON formats.
- Designed data models and reporting solutions using **Power BI** and **Synapse Analytics**.

Python & Django Projects

- **Job Board Application:** Built a full-stack Django app with job listings, candidate profiles, and admin dashboard. Integrated user authentication, file uploads, and REST APIs.
 - **E-commerce Platform:** Developed an online shop with Django and Stripe for payments. Implemented shopping cart, order history, and inventory management.
 - **Blog & CMS System:** Created a Django-based content management system with tagging, comments, and rich-text editing features.
 - **Student Performance Dashboard:** Designed a Django app with data visualization using Matplotlib and dynamic reporting based on student analytics.
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Education

MSc. Data Science – University of Greenwich
2022 – 2023

Coursework & Skills: NumPy, Pandas, Scikit-learn, TensorFlow, XGBoost, data preprocessing, model tuning, evaluation metrics (ROC-AUC, RMSE, accuracy)

Certifications

- Microsoft Azure Data Engineer(DP-203)
- Python for Data Science – Coursera