SRIKAR KODI

Python Developer

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OBJECTIVE

Passionate Python Developer with expertise in data architecture, ETL processes, and data warehousing. Skilled in SQL and data pipeline development, and full-stack development using technologies like Flask, Django, React JS, and Node JS. Driven to innovate and create efficient, scalable solutions

EXPERIENCE

Trainee Software Engineer, *ValueLabs*   01/2022 – 02/2023
                                                              Hyderabad, Telangana

- Actively contributed to enhancing software modules by addressing bugs and optimizing performance, working closely with various teams to improve application quality.
- Conducted thorough manual testing to identify and report bugs, ensuring comprehensive coverage of application functionalities.
- Transitioned to the QA team, focusing on product testing to maintain high-quality standards, executing test cases to validate functionality, and identifying areas for improvement.
- Developed and executed detailed test plans and test cases for manual testing, improving the accuracy and reliability of test results.

Application Developer, *Vavili Technologies*   05/2023 – 08/2025
                                                                   Hyderabad, Telangana

- Played a key role in developing templeswiki.com as a Full Stack Developer, building and optimizing multiple pages and microservices to ensure a responsive and user-friendly experience.
- Developed an interactive chatbot integrated with Natural Language Processing (NLP) to enhance user engagement and streamline customer interactions within the application.
- Built a robust ETL pipeline using Python to generate multi-language labels, facilitating seamless content translation across languages.
- Led the QA team by crafting a comprehensive test plan to rigorously test and ensure the application's smooth operation, alongside developing an in-house attendance recording tool to improve organizational efficiency.

EDUCATION

Bachelor in Electronics and Communication, *MVGR College of Engineering*   2016 – 2020

MSc in Computer Science focus on Big Data and Artificial Intelligence,   10/2025
SRH University of Applied Sciences   Berlin, Germany

SKILLS

Programming Languages
Python, HTML, CSS, JavaScript, Node JS, PostgreSQL

Cloud
AWS (EC2, S3, Lambda, Glue, Redshift)

Frameworks/Modules
Flask, Django, React JS, NumPy, Pandas, Matplotlib, Seaborn, NLP, PySpark

Languages
English - Fluent, German - A2 (Currently learning B2)

PROJECTS

DataSet Translator App, *This is a Python-based GUI application that allows users to upload a dataset (.csv or .xlsx format) and translate its content into a selected target language. The application uses "googletrans" library for translation and "openpyxl" for handling Excel files.*

Date Engineering Project, *This project demonstrates the efficient reading and cleaning of CSV data using Pandas, transforming it to align with specific data model requirements. It further showcases the use of the psycopg2 module to create, manage, and insert the cleaned data into a PostgreSQL database.*