Manikanta Gandepalli

Software Engineer

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OBJECTIVE

Seeking a challenging software development opportunity in a dynamic environment where innovation and education will be valued, looking for a role where I can leverage my skills and experience to contribute.

PROFILE SUMMARY

- Python Backend Developer with 3 years Experience.
- Proficient in Django, Django Rest Framework, Scrapy and building web applications, ETL Projects and APIs.
- Excellent understanding of project issues. Short learning curve.
- Strong problem-solving skills to find innovative solutions.

SKILL SET

- **Languages:** Python, MySQL, SQL, HTML, CSS, JavaScript.
- **Frameworks:** Django, Django Rest Framework (DRF), Scrapy, FastApi, Flask.
- **Cloud Platforms:** AWS (S3, Lambda)
- **Development Methodologies:** Data Structures and Algorithms, Agile.
- **Tools and Technologies:** Postman, Jenkins, JIRA, Confluence, RabbitMQ, PowerBI.
- **Workflow:** Apache Airflow.
- **Version Control:** GIT

PROFESSIONAL EXPERIENCE

Headrun Technologies[Jun 2022 - Sep 2024]

PROJECTS: SPORTS, XPRO

- Developed and maintained robust backend functionalities using the Django framework.
- Successfully wrote APIs to enable seamless data exchange, contributing to the development of dynamic and responsive web applications.
- Designed and implemented database models for seamless data management, ensuring optimal performance and data integrity.
- Collaborated closely with cross-functional teams to understand project requirements and ensure the integration of backend solutions aligned with overall objectives.
- Developed and implemented web scraping solutions using Scrapy framework to efficiently gather, extract, and process data from various websites.
- Utilized advanced data mining techniques in Python to fetch movie and sports data from various US-based sources on a regular basis.
- Implemented middleware and pipeline components in Scrapy to handle data processing, validation, and storage, optimizing the overall scraping workflow.
- **Exposure:** Python, Django Rest Framework, MySQL, Scrapy.

PROJECT: DATAMILL

- Transforming raw data feeds provided by external sources into structured formats compatible with our system processing requirements.
- Demonstrated ability to understand complex data structures and effectively map them to predefined schemas within Datamill.
- Played a key role in integrating diverse data feeds from multiple providers into the Datamill platform, ensuring seamless data ingestion and processing.
- Developed custom scripts and algorithms to automate the conversion of unstructured or

semi-structured data into well-defined formats suitable for ingestion into SQL databases.
- Utilized Python, SQL, RabbitMQ and other technologies to streamline the data transformation process, minimizing manual effort and increasing efficiency.
- **Exposure:** Python, SQL, RabbitMQ, Jenkins.

SenecaGlobal[Sep 2024-Present]

PROJECT: ThirdParty
- Designed and implemented ETL pipelines for data cleaning and loading.
- Used Apache Airflow to automate workflows and manage task scheduling.
- Developed Python scripts to extract, transform, and validate datasets, ensuring data quality and consistency.
- Utilized MySQL for efficient data storage, management, and optimization of SQL queries to improve performance.
- Created a custom data validation framework to ensure incoming data met predefined quality standards before loading.
- **Exposure:** Python, Apache Airflow, Aws(S3, Lambda)

EDUCATION

BTECH- Computer Science and Engineering. CGPA – 8.3
Rajiv Gandhi University of Knowledge and Technologies (IIIT)
Nuzvid AndhraPradesh [Jun 2018 – Jul 2022]

XI and XII (PUC). CGPA - 8.7
Rajiv Gandhi University of Knowledge and Technologies (IIIT)
Nuzvid AndhraPradesh [Jun 2016 – Jul 2018]

X Class(SSC). GPA- 9.8
ZPPHS SChool Chebrolu, Kakinada District, AndhraPradesh