ASHISH YADAV

Pune, Maharashtra

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ABOUT ME

A problem solver with strong analytical skills and experience in Python development and data analysis. Passionate about building data-driven solutions, automation pipelines, and scalable tools to deliver actionable insights.

SKILLS

Python, Django, REST API, NumPy, Pandas, Scikit-learn, TensorFlow, R, SQL (PostgreSQL), Excel (Advanced Formulas, VBA, Power Query, Dashboards), ETL, Data Integration, Machine Learning, NLP, Rest API, Fast API, Flask, Data Visualization, Agile/Scrum, API Testing

INTERPERSONAL SKILLS

Professionalism, Problem Solving, Emotional Intelligence, Communication, Flexibility, Critical Thinking

EXPERIENCE   Oct 2024 - Present

Arraygen Technologies (Python Developer)

- Developed and optimized Python scripts for data processing, improving efficiency and accuracy in workflows.
- Contributed to the GAME project, a GUI-based analysis tool, by integrating workflows and automating processes.
- Designed reusable Python modules and utilities to streamline repetitive tasks, reducing development time across multiple projects.
- Collaborated with research teams to gather requirements and translate them into automated solutions, ensuring accuracy and scalability.
- Designed reusable Python modules and utilities to streamline repetitive tasks, reducing development time across multiple projects.

PROJECTS

1. Developed a standalone GUI-based application (GAME) for automating NGS data analysis on Linux, integrating 15 genomic pipelines with one-click execution and results visualization.
2. Designed and implemented SQL queries to extract, clean, and analyze sales and inventory data, applying joins, aggregations, and window functions to generate KPIs.
3. Automated reporting workflows by connecting databases with Python (SQLAlchemy) and building Tableau dashboards for interactive visualization.

EDUCATION & CERTIFICATIONS

- **BACHELORS:** 2019-23   **7.65 CGPA**
  Bachelors of Engineering
  SPPU Pune

- **CLASS XII:** 2017-19   **59%**
  Maharashtra State Board
  MHSP Phaltan

- **CLASS X:** 2016-17   **7.2 CGPA**
  CBSE
  SSEMS Phaltan

EXTRACURRICULAR ACTIVITIES

- Completed the *Data Analytics* program at Great Lakes Institute of Management.

- Participated in workshops and hackathons focused on Python programming and data analytics.

CERTIFICATIONS

- Data Analytics – Great Learning
- Data Science - BCGX
- Excel Skills – Goldman Sachs
- Python Programming - Udemy