

ISHIKA JAIN

Python Developer

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Profile

Python Developer with hands-on experience in building data processing pipelines, automating workflows, and writing efficient, reusable Python code using Pandas and NumPy. Experienced in writing clean, maintainable Python code and building reusable data processing workflows. Skilled in data cleaning, transformation, and validation to ensure high-quality datasets for analysis.

Technical Skills

Programming Language: Python

Core Libraries: Pandas, NumPy

Databases & Querying: SQL

Visualization: Matplotlib, Seaborn

Development Practices: Modular Code Design, Reusable Functions, Data Validation

Tools & Environment: VS Code, GitHub, Jupyter Notebook

Internships

EliteTech

May 2025 – July 2025

Python Developer Intern

- Automated data preprocessing workflows using Python (Pandas, NumPy), reducing data cleaning time from 45 minutes to 10 minutes.
- Developed reusable ETL scripts to standardize data ingestion and transformation processes.
- Improved pipeline efficiency and repeatability through modular code design.

TCS iON

June 2024 – September 2024

Data Analyst Intern

- Used Python and SQL to analyze large datasets and identify usage patterns and anomalies.
- Processed and analyzed 20,000+ application usage logs to identify drop-off points and low-engagement cohorts.

Projects

A2A Business Insights Engine | *Python, Pandas, NumPy, Matplotlib* | GitHub

- Designed and developed a modular Python-based data processing pipeline for automated data cleaning, transformation, and validation.
- Implemented reusable Python functions and utility modules to handle missing values, outliers, and feature preprocessing.
- Optimized data workflows by refactoring repetitive logic into reusable components, improving execution efficiency.
- Generated analytical visualizations using Matplotlib to validate data consistency and processing outputs.

Credit Card Analysis Dashboard | *Python, SQL, Power BI* | GitHub

- Used Python and SQL to preprocess and analyze customer transaction data prior to dashboard development.
- Built reusable scripts to support data validation and transformation workflows.

Education

Bachelor of Technology in Computer Science and Engineering (Data Science)

2022 – Present

Teerthankar Mahaveer University

Moradabad, Uttar Pradesh

- Expected Graduation: 2026

Senior Secondary (PCM)

2020 – 2022

Priyanka Modern School

Dhampur, Uttar Pradesh