

Arpit Shrotriya

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Location: Harrison, New Jersey

AI/ML ENGINEER

Graduate Computer Science student with **3 years of experience** in Python, SQL, designing and deploying Machine Learning models and ETL pipelines, data warehousing (Google Cloud, AWS), and automating data workflows. Currently pursuing a **Master's in Computer Science** at **NJIT**, with a passion for leveraging data and cloud technologies to solve complex challenges, Demonstrated ability to handle large-scale data engineering challenges and develop client-focused solutions.

EDUCATION

New Jersey Institute Of Technology

M.S. in Computer Science | GPA : 3.83

Newark, New Jersey

September 2024 – May 2026 (Expected)

Bharati Vidyapeeth College Of Engineering

B.Tech. in Computer Science | GPA : 3.2

Paschim Vihar, New Delhi

Aug 2017 – July 2021

EXPERIENCE

AI Industrial Trainer

Veeyo Tech

July 2023 – August 2024

New Delhi, India

- Delivered engaging lectures and training sessions to over **100 students on Python, Machine Learning fundamentals**, and advanced topics like Anomaly Detection and Natural Language Processing. This instruction significantly enhanced students' understanding and practical skills, with **90% of participants demonstrating improved performance in hands-on projects and assessments**.
- Taught advanced Blockchain technology to over 50 students**, covering Smart Contracts, Solidity basics, the history of Blockchain, and practical applications. This training equipped participants with the skills to innovate and contribute effectively to the industry, **leading to a 20% increase in hands-on project completions**.

Data Engineer

Sail Analytics

June 2022 – June 2023

New Delhi, India

- Built data pipelines** to automatically create Excel files and send emails to clients using **Python and HTML**, streamlining workflows and **reducing manual work by 30%**.
- Worked with Python OCR packages**, extracting key information like total amount, date, and receipt ID from **over 1,000** receipt photos with **95% accuracy**, delivering valuable data to clients quickly.
- Developed **ETL pipelines** for Master and Transactional data, improving data consolidation for reports in PowerBI and Tableau, leading to a **40% increase in report generation efficiency**
- Integrated SAP HANA and Google BigQuery**, enabling secure data movement for the deployment of Data-delivery ETL pipelines, resulting in a **20% reduction in data transfer time**.

Data Analyst

Roboiotics

February 2022 – May 2022

New Delhi, India

- Worked on creating **customized GUIs** by integrating and developing design languages using **Python, PyQt5, and SQL**, resulting in a **25% improvement** in user interaction efficiency and delivering tailored solutions to meet client-specific requirements.

TECHNICAL SKILLS: MACHINE LEARNING, PYTHON, SQL, POWER BI, PANDAS, TENSORFLOW, GOOGLE BIGQUERY

PROJECTS

Skill Recommender With Azure Open AI

Flask, Azure OpenAI API, YouTube Data API, HTML/CSS

[Source Code](#)

- Developed a Flask-based application using Azure OpenAI and YouTube Data API to recommend skills by comparing resume content with trending market skills for a target job title.

Columbia-Asia-Hospital-Data-Analysis

Power BI and DAX functions, Git

[Source Code](#)

- Project focuses on optimizing patient care, assessing financial health, improving efficiency and strategic decisions