

Varun Singh

+91 8077966845 - singhvarun9554@gmail.com - linkedin.com/in/codesVarun/ - github.com/codesVarun

EDUCATION

SRMCEM

BTech in Computer Science and Engineering - CGPA - 7.6

Lucknow, UP

2021 - 2024

Govt. Polytechnic Bijnor

Diploma in Computer Science and Engineering - Percentage - 74

Bijnor, UP

2017 - 2020

TECHNICAL SKILLS

Programming Languages: Python, SQL

Libraries and Tools: Pandas, NumPy, Apache Airflow, Docker, Git, RESTful APIs, Streamlit, Plotly

Data Engineering: ETL Pipelines, Data Warehousing, Data Modeling, Orchestration

Databases: PostgreSQL, MySQL, MongoDB, SQLite

WORK EXPERIENCE

Data Engineer

NavAdr Technologies Solution, Pune, Maharashtra

Feb 2025 - Present

- Designed and implemented scalable ETL pipelines using Python, Pandas, and SQL for ingesting data from RESTful APIs and CSVs.
- Automated workflows using Apache Airflow for scheduled data extraction, transformation, and loading.
- Worked on data cleansing and transformation techniques to prepare data for analytics.
- Managed and queried databases (PostgreSQL, MongoDB) for efficient data retrieval and reporting.

Data Engineering Trainee (Python + MongoDB)

V-Connect System and Services Pvt. Ltd., Noida, UP

July 2024 - Jan 2025

- Extracted and processed CSV data using Python and Pandas; stored it in MongoDB for downstream analysis.
- Built backend services for data ingestion using Python scripts and REST APIs.
- Gained experience in handling CORS issues and data flow integration.

PROJECTS

- NavPM – Centralized Product Management System - (Tech Stack: FastAPI, PostgreSQL, SQLAlchemy, Docker, Redis, REST APIs, Next.js, Tailwind CSS, Bun, GitHub Actions)** NavPM is a multi-tenant, subscription-based product management platform designed to streamline onboarding, access control, and product allocation across organizational ecosystems. It serves as one of the core products integrated with a centralized authentication and authorization service (Navauth), ensuring secure, role-based access to subscribed applications.
- ETL Pipeline for COVID-19 Data** (Python, Airflow, PostgreSQL, Streamlit, Docker) — Built a complete ETL pipeline that extracts COVID data from a public API, transforms it using pandas, loads it to PostgreSQL, visualizes it with Plotly and Streamlit, and orchestrates the entire process using Airflow with Docker support.

COURSEWORK

- Completed a course on Ultimate AWS certified Solution Architect Associate from Udemy.
- Completed a Training on Data Engineering using Python at Jspider, Noida.
- Completed course on Data Structure and Algorithm from Udemy.
- Completed 100 days Python bootcamp from Udemy.

ACHIEVEMENTS

- Employee of the months March, 2025 at NavAdr Technologies Solution.
- Successfully solved over 350+ problems on LeetCode.
- Earned study plan medals for Introduction to Pandas on LeetCode.
- Earned 8 monthly badges and 3 competition medals on LeetCode.