

ABHISHEK PATEL

📍 Pratapgarh 📞 +91 770403088 ✉️ abhi1610511@gmail.com 🔗 linkedin.com/in/abhishek-patel-18209528a 🐙 github.com/abhip161

Education

Bundelkhand Institute of Engineering and Technology (BIET Jhansi)

Sep 2022 - May 2026

B.Tech in Information Technology (GPA: 7.56/10)

Jhansi, U.P

- **Coursework:** Data Structures and Algorithms, Machine Learning, Artificial Intelligence, DBMS.

Technical Skills

- **Programming Languages:** Python, C++, Java, SQL, JavaScript
- **Frameworks & Libraries:** TensorFlow, PyTorch, Scikit-learn, Hugging Face Transformers, NumPy, Pandas, Matplotlib, Seaborn
- **Concepts & Tools:** Machine Learning, Deep Learning, NLP, Computer Vision, Regression & Classification, Feature Engineering, Model Evaluation, Flask, Streamlit, Git, Jupyter Notebook, Google Colab

Soft Skills

- Communication, Teamwork, Leadership, Problem-Solving

Projects

MarketPulse ETL Pipeline (Python & SQL Data Engineering): ([LINK](#) 🔗)

Nov 2024 - Dec 2024

Tools Used: Python, Pandas, PostgreSQL, SQL

- Built a production-ready **ETL pipeline** to ingest, clean, transform, and load real-world datasets into PostgreSQL for analytical use.
- Processed **50,000+ rows** using Pandas; automated treatment of missing values, normalization, and deduplication, improving data quality by **40%**.
- Optimized SQL schema and indexing, reducing heavy analytical query time by **30%**.
- Added automated validation + logging to ensure consistent and reliable data ingestion across pipeline runs.

InsightServe Data Access API (Node.js & AWS): ([LINK](#) 🔗)

Dec 2024 - Jan 2025

Tools Used: Node.js, Express, SQL, REST API, AWS Lambda

- Developed a **RESTful API service** to deliver structured database records with advanced filtering, searching, sorting, and pagination.
- Integrated Node.js with PostgreSQL to build secure and modular data-access layers, improving API latency by **25%**.
- Architected the system to be **serverless-ready** using AWS Lambda + API Gateway for scalable deployments.
- Documented all REST endpoints using **Swagger (OpenAPI)**, ensuring clarity and ease of integration for developers.

Achievements & Certifications

- Secured an **All India Rank of 300** in the **Amazon ML Challenge 2024**, placing in the top **1% out of 70,000+ participants**; developed high-performance ML models under real-world constraints.
- Solved over **500+ problems** in Data Structures and Algorithms — including **400+ on [LeetCode](#)** 🔗 and **100+ on [Codeforces](#)** 🔗; improved problem-solving speed by **30%** and strengthened algorithmic logic through consistent practice.
- Achieved a **Pupil rating (Max: 1300)** on [Codeforces](#) 🔗, ranking in the top **15% globally** and demonstrating strong foundation in algorithms and competitive programming.
- Earned the **Oracle Cloud Infrastructure 2025 Certified Data Science Professional** certification — validated skills in end-to-end data science workflows, model lifecycle, and deployment on Oracle AI infrastructure. [View Certificate](#) 🔗.
- Completed the **Databricks Accredited Generative AI Fundamentals** certification — gained hands-on understanding of foundation models, LLMs, and applied Generative AI using Databricks. [View Certificate](#) 🔗.