

Abhi Pandey

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PROFESSIONAL SUMMARY

B.Tech student at VIT Bhopal specializing in AI & ML. Proficient in Python, SQL, and Power BI. Experienced in translating complex datasets into actionable business insights through end-to-end analytical pipelines. Seeking a data analyst or software engineering internship to solve real-world business challenges. Currently working as a Machine Learning Intern at Suvidha Foundation.

TECHNICAL SKILLS

- Languages:** Java, C++, Python, JavaScript, SQL, MATLAB
- AI/ML:** Machine Learning: kNN, SVM, Classification (Binary/Multiclass), (Logistic/Linear) Regression
- Web:** HTML5, CSS3, React, Vite, Git, GitHub Pages
- Fundamentals:** Data Structures & Algorithms, Operating Systems, DBMS
- Data Analytics & BI:** Power BI, Data Visualization, Advanced Excel, SQL

EXPERIENCE

- Machine Learning Intern** Dec 2025 – Present
Suvidha Foundation (Suvidha Mahila Mandal) Remote
 - Improved ML model performance for social-impact applications through optimization and tuning.
 - Handled data preprocessing, feature engineering, and model evaluation workflows.
- Club President** June 2024 – Present
Defence Warriors Club, VIT Bhopal Bhopal, MP
 - Led planning and execution of technical and social events for 100+ members.
- Club Coordinator** May 2024 – Present
VITronix, Fusion & UX Club Bhopal, MP
 - Coordinated workshops and managed logistics for campus-level tech events.

PROJECTS

- AI Code Analyzer (RAG System)** Jan 2025 – Present
Python, LangChain, Vector DB AI & Software Dev
 - Engineered a Retrieval-Augmented Generation (RAG) system to provide context-aware answers to developer queries within large codebases.
 - Developed an Observability Dashboard to track search Precision and retrieval Latency using data-driven experiments.
- Ola Data Analyst Project** Jan 2026
SQL, Power BI, Excel Data Analytics
 - Analyzed a dataset of over 20,000 ride records using SQL to identify cancellation patterns.
 - Developed interactive Power BI dashboards to visualize revenue distribution and vehicle types.
 - Identified root causes of cancellations and proposed strategies to reduce rates by 10%.
- Potato & Skin Disease Detection** Sep 2024 – Dec 2024
Python, TensorFlow, OpenCV ML Project
 - Built an image classification system using MobileNetV2 and transfer learning.
 - Deployed a Gradio interface for real-time disease prediction.

EDUCATION

- VIT Bhopal University** Aug 2023 – Sep 2027
B.Tech in Computer Science (AI & ML) | CGPA: 8.38 Bhopal, MP
- KDMA World School** 2014 – 2022
Class 10 & 12 Kanpur, UP

CERTIFICATIONS

- Google IT Support, Data Analytics Job Simulation** (Deloitte/Forage)
- Cloud Computing** (NPTEL - 77%), **Applied ML in Python** (Coursera)
- MATLAB Onramp, AWS Fundamentals, AI & ML Fundamentals**