

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

PROJECTS

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|--|---|
| AI Code Analyzer (RAG System)
• <i>Python, LangChain, Vector DB</i> | Jan 2025 – Present
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
• <i>SQL, Power BI, Excel</i> | Jan 2026
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
• <i>Python, TensorFlow, OpenCV</i> | Sep 2024 – Dec 2024
ML Project |
| – Built an image classification system using MobileNetV2 and transfer learning.
– Deployed a Gradio interface for real-time disease prediction. | |

EDUCATION

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