

Abhi Pandey

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PROFESSIONAL SUMMARY

B.Tech student at VIT Bhopal specializing in AI & ML. Experienced in building end-to-end analytical pipelines and translating complex datasets into actionable business insights. Currently gaining hands-on experience in Front-End Development and Machine Learning, with a strong foundation in SQL, Python, and Power BI.

TECHNICAL SKILLS

Languages: Java, C++, Python, JavaScript, SQL, MATLAB
AI/ML: Generative AI, LLMs, Prompt Engineering, KNN, SVM, TensorFlow, Scikit-learn
Web Development: HTML5, CSS3, React, Vite, Node.js, Git, GitHub Pages
Data Analytics: Power BI, Data Visualization, Advanced Excel, SQL, RAG Systems
Fundamentals: Data Structures & Algorithms, Operating Systems, DBMS

EXPERIENCE

AI Engineer Intern <i>PearlThoughts (Virtual)</i> Collaborating on AI-driven solutions and engineering specialized workflows for automated systems. Engaging in full-time (40 hours/week) development tasks focused on AI integration and model deployment.	Jan 2026 – Feb 2026 <i>Remote</i>
Google Cloud Generative AI Virtual Intern <i>SmartBridge (SmartInternz)</i> Completed an intensive program focused on Generative AI concepts using Google Cloud Platform (GCP). Developed practical skills in LLMs, prompt engineering, and AI-driven solution design. Demonstrated proficiency in applying cloud-based AI tools to solve technical challenges.	Nov 2025 – Jan 2026 <i>Remote</i>
Machine Learning Intern <i>Suvidha Foundation (Virtual)</i> Optimizing ML model performance for social-impact projects using feature engineering and tuning. Managing data preprocessing and model evaluation workflows for predictive analytics.	Dec 2025 – Present <i>Remote</i>
Club President <i>Defence Warriors Club, VIT Bhopal</i> Leading a core team to execute technical and social events for a community of 100+ members.	June 2024 – Present <i>Bhopal, MP</i>

PROJECTS

ERPNext AI Code Analyzer <i>Python, RAG, LangChain, Vector DB</i> Engineered a CLI tool that scans ERPNext code files to provide structured output and context-aware answers using Retrieval-Augmented Generation (RAG). Integrated vector databases to enhance search precision and documentation analysis efficiency.	Jan 2026 <i>AI & Software Dev</i>
Ola Ride Cancellation Analysis <i>SQL, Power BI, Excel</i> Analyzed 20,000+ ride records using SQL to identify cancellation patterns and propose reduction strategies. Developed interactive Power BI dashboards to visualize revenue distribution and vehicle performance.	Jan 2026 <i>Data Analytics</i>
Luxury Jewelry Virtual Consultant <i>React, Tailwind CSS, UI/UX Design</i> Engineered a high-end virtual consultant platform designed to recreate an in-store luxury experience digitally. Implemented a personalized recommendation engine via an interactive quiz to solve customer “decision paralysis.”	Jan 2026 – Present <i>Front-End / UX</i>

EDUCATION

VIT Bhopal University <i>B.Tech in Computer Science (AI & ML) CGPA: 8.47</i>	Aug 2023 – Sep 2027 <i>Bhopal, MP</i>
KDMA World School <i>High School & Intermediate Class 10 & 12</i>	2014 – 2022 <i>Kanpur, UP</i>

CERTIFICATIONS

Google Cloud Generative AI — SmartBridge
Hackbyte 3.0 — IIT JABALPUR
Applied Machine Learning in Python — Coursera
Google IT Support Professional Certificate