

ABHISHEK DIXIT

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Career Objective

AI/ML enthusiast skilled in software development, data engineering, and automation. Proven success in predictive analytics, accessibility-focused solutions, and leadership in national-level competitions. Eager to bring expertise in AI-driven and data-centric innovation to forward-thinking organizations.

Education

- **B.Tech in Computer Science (AI & ML)** 2022-2026
Bansal Institute of Engineering and Technology, Lucknow **CGPA: 8.17**
- **Intermediate** 2022
Prabha Sunrise Educational Institute, Kanpur **Percentage: 75.4%**
- **High School** 2020
Prabha Sunrise Educational Institute, Kanpur **Percentage: 80.5%**

Projects

- **AI-Powered Email Automation Agent** July 2025 – Present
 - Developed a fully automated AI agent in n8n that sent over 500+ personalized cold emails using GPT-generated content.
 - Achieved 80%+ email delivery rate, saving over 10 hours/week of manual effort and built a plug-and-play, zero-touch outreach system ideal for job applications and lead generation.
 - **Tech Stack:** n8n, OpenAI GPT API, Google Sheets, Gmail API.
- **Team Leader — Stock Market Prediction Model** Oct 2024
 - Developed Stock Market Prediction model using AI/ML – led a team of 10 in forecasting stock prices.
 - Designed project architecture, managed task allocation, and guided model development and evaluation.
 - **Tech Stack:** Python, Pandas, Matplotlib, MySQL
- **Founder — Eye-Controlled Mouse – Assistive Technology Startup** Dec 2023
 - Founded a tech startup developing patented hands-free computer control using eye-tracking and computer vision.
 - Award-winning innovator with top finishes at national competitions hosted by IIT Jodhpur, IIT Kanpur, IIT Guwahati.
 - **Tech Stack:** Python, OpenCV, PyAutoGUI, MediaPipe

Professional Experience

- **AI Research Intern – NIT Mizoram Virtual Internship under Dr. Lenin** July 2025
 - Developed an AI legal chatbot using RAG to suggest BNS charges from user inputs, covering 50+ case categories
 - Integrated GPT-4, Python, and vector embedding models, achieving 91% accuracy on legal classification test cases, gained hands-on experience in AI ethics, legal informatics, and real-world deployment of NLP systems.

HCL Technologies Training

- Gained hands-on experience with ETL, data pipeline automation, and warehousing.
- Built large-scale data workflows using Python, SQL, and Big Data. Designed DB schemas, ensuring scalability.

Technical Skills

- **Languages:** Python, C, C++, SQL, HTML, CSS
- **Libraries:** Pandas, NumPy, Matplotlib, PySpark, OpenCV, Mediapipe, PyautoGUI
- **Tools:** n8n, Git, GitHub, Excel, PowerBI, GCP, Google Colab, Jupyter, PyCharm,
- **Core Subjects:** DSA, DBMS, OOPS

Achievements

- **First-Place Wins at IITs:** IIT Kanpur – Paper Presentation (Jan 2024) , IIT Guwahati – Tech-Expo (Aug 2024) , IIT Jodhpur – Patent Showcase & Poster Presentation (Promeo'25)
- **National-Level Hackathon & Innovation Honors:** IIM Ahmedabad , IIT Jammu – Finalist/Winner (Top 11/605) , Avinya Hackathon @ IIT Guwahati (Top 10/350) & National Innovation Award – 4th Place, Panipat (Presented by Dr. Kiran Bedi)
- **State-Level Hackathon Achievements:** Navonmesh AIda Challenge- Finalist & SRMS Hackathon 3.0 – Consolation Prize