

VAIBHAV WADHWA

MALE, 21

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EDUCATION

Bachelors of Technology	2021-25	Vivekananda Institute of Professional Studies	82.5%
CBSE (Class XII)	2021	Happy Home Public School, Delhi	87%
CBSE (Class X)	2019	Happy Home Public School, Delhi	89%

INTERNSHIP/S

AI Engineer Intern, **Nikah Forever**, Okhla, Delhi

January 2024 – April 2025

Matrimonial platform leveraging data analytics for user engagement.

- Developing a RAG AI agent to automate SQL query generation by understanding database schemas, reducing query time by 40%.
 - Improved query accuracy by **40%** fine-tuning the AI model on company-specific data.
- Exploring Databricks, AWS, and GCP integration for scalable data processing and analytics.
- Enhancing business decision-making through real-time data insights and cloud-based AI solutions.

Gen AI Intern, **Zummit Infolabs**, Bengaluru

October 2024 – February 2025

AI-driven solutions provider specializing in generative models and NLP.

- Developed chatbots using NLP, reducing customer query response time by 30%.
 - Improved operational efficiency by automating repetitive workflows.
- Collaborated on refining AI architectures, achieving 95% model uptime in production.

ACADEMIC PROJECTS

- Blood Cancer Detection using CV: Developed an AI diagnostic tool using deep learning (TensorFlow) to detect cancer from blood smear images with 98% accuracy. Role: Sole developer. Outcome: Integrated into HuggingFace Gradio Application.< https://huggingface.co/spaces/Vwadhwa02/Leukemia_Detection>
- Speech Emotion Recognition: Built an NLP model to classify 10 emotions from 150+ audio samples using MFCC features. Role: Sole developer. Outcome: Integrated into a React app for real-time analysis.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Awarded **Best Paper Award** at an International Conference for research on AI-driven analysis of Shreemad Bhagwad Geeta (2024).
- Earned **HackerRank Gold Badges** for Python, SQL, and Problem Solving (Top 1% globally).

POSITIONS OF RESPONSIBILITY

- Management Head, Srijan (Eco & Social Outreach Club):**
 - Led 15+ donation drives and community programs impacting 2,000+ students.
 - Managed finances, raising ₹5L+ in donations for sustainability initiatives.
- Management Head, Kavyarang (Literary Club):**
 - Organized 7+ literary events and 5+ competitions, increasing club participation by 40%.
 - Strategized outreach campaigns to engage 500+ students across Delhi colleges.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Won 3+ hackathons for AI projects, including Waste Classification App and Crop Disease Detection.
- Volunteer, **Sachkhand Foundation**: Managed technical logistics for 10+ community welfare events.

OTHER INFORMATION

- Technical Skills:** Python, SQL, TensorFlow, Power BI, AWS, Git.
- Interests:** AI research, community service, competitive coding.
- Languages:** English (fluent), Hindi (native).