

# Anushka Singh

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## EDUCATION

- VIT Bhopal University** Bhopal, India  
*Bachelor of Technology - Computer Science & Engineering; CGPA: 8.72* July 2022 - July 2026
- Jai Academy** Jhansi, India  
*CBSE Class XII; Percentile: 90.8%* April 2020 - July 2021
- Jai Academy** Jhansi, India  
*CBSE Class X; Percentile: 95.0%* April 2018 - May 2019

## SKILLS SUMMARY

- Languages:** Python, SQL, R, HTML, CSS
- Frameworks:** Pandas, NumPy, Matplotlib
- Tools:** Tableau, Power BI, Excel, Git, PostgreSQL, MySQL
- Platforms:** Windows, AWS, GCP, IBM Cloud, BigQuery
- Soft Skills:** Leadership, Event Management, Content Writing, Public Speaking, Time Management

## EXPERIENCE

- Artificial Intelligence Club** Feb 2024 – Mar 2025  
*Vice President* VIT Bhopal
  - Leadership:** Orchestrated impactful events showcasing the multifaceted applications of artificial intelligence.
  - Event Management:** Planned and executed multiple AI-focused events at regular intervals, demonstrating strong organizational skills.
- Paritranya Global Pvt. Ltd.** Jun 2024 – Sep 2024  
*HR & Outreach Intern* Remote
  - Operational Efficiency:** Worked directly with the Founder to manage HR initiatives and boost organizational engagement.
  - Team Coordination:** Balanced HR and outreach duties, coordinating with 10+ team members to streamline operations and partnerships.
- Omdena New Delhi Chapter** May 2023 – Aug 2023  
*Task Lead, Knowledge Team* Remote
  - Project Participation:** Selected as one of 100 collaborators for a project analyzing cough severity due to air pollution using audio and ML.
  - Team Leadership:** Oversaw key tasks and deliverables as Task Lead for the Knowledge team.

## PROJECTS

- SQL Data Cleaning Project: Layoffs 2022 (SQL, Data Cleaning, Staging Tables, Window Functions):** Structured SQL-based data cleaning of the 2022 Layoffs dataset from Kaggle. The project involved staging table creation, duplicate removal using window functions, null handling, standardization of industry and country fields, date formatting, and deletion of uninformative records. Resulted in a clean, analysis-ready dataset suitable for EDA. Tech: MySQL, Kaggle Datasets.
- Mental Stress Detection System (EEG, Real-Time Signal Processing):** Developed a real-time system to detect mental stress using EEG signals by monitoring alpha and beta waves. Offered an objective, non-invasive method to assess stress, supporting mental well-being and stress management. Tech: ML, Python.
- Cough Severity Detection Model (Audio Analysis, ML):** Built a machine learning model to detect cough severity caused by air pollution using audio signals. Performed detailed data analysis and trained the model for accurate, real-time assessment. Tech: Python, ML, Audio Processing.

## CERTIFICATIONS

- Google Data Analytics Professional Certificate – Coursera
- Introduction to Career Skills in Data Analytics – LinkedIn
- Data Science Ethics by University of Michigan – Coursera

## VOLUNTEER EXPERIENCE

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- **Internet of Things Club** VIT Bhopal  
*Co-Lead, PR & Outreach Team* *Jul 2023 – Feb 2024*
  - **Speaker Engagement:** Spearheaded collaborations with distinguished guests, securing participation of three notable speakers.
  - **Outreach Leadership:** Led the Public Relations and Outreach team to enhance the club's presence and impact.
- **Insights Club** VIT Bhopal  
*Content Team Member* *Jun 2023 – Jun 2024*
  - **Content Creation:** Authored five insightful articles for the club's monthly newsletter, showcasing strong writing skills.
  - **Editorial Contribution:** Contributed high-quality content to newsletters and magazines, enhancing reader engagement.
- **Artificial Intelligence Club** VIT Bhopal  
*Event Team Member* *Feb 2023 – Feb 2024*
  - **Event Planning:** Collaborated with team members to organize and execute AI-related events, workshops, and hackathons.
  - **Logistics Coordination:** Managed event logistics including scheduling, venue setup, and coordination with speakers and participants.
  - **Team Contribution:** Assisted in ideation and implementation of interactive sessions that boosted student engagement in AI topics.