

# Anushka Singh

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## EDUCATION

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- **VIT Bhopal University** Bhopal, India  
*Bachelor of Technology - Computer Science & Engineering; CGPA: 8.69* 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

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

## EXPERIENCE

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- **Paritranaya Global Pvt. Ltd.** Jun 2024 – Sep 2024  
*HR & Outreach Intern* Remote
    - Collaborated with the Founder on HR initiatives while coordinating with 10+ team members to enhance engagement, streamline operations, and drive partnerships.
  - **Omdena New Delhi Chapter** May 2023 – Aug 2023  
*Task Lead, Knowledge Team* Remote
    - Chosen among 100 collaborators for a project on cough severity analysis using audio and ML, while leading key deliverables as Task Lead for the Knowledge team.

## PROJECTS

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- **SQL Data Cleaning Project: Layoffs 2022** Mar 2025 - May 2025  
*MySQL, Kaggle Datasets*
    - Cleaned the 2022 Layoffs dataset using SQL with staging tables, window functions, and data standardization. Prepared an analysis-ready dataset by handling duplicates, nulls, and formatting for effective EDA.
  - **Mental Stress Detection System** Sep 2024 - Nov 2024  
*Machine Learning, Python*
    - Designed a real-time system to detect mental stress using EEG signals by analyzing alpha and beta wave patterns. Provided a non-invasive, ML-based method for monitoring stress and promoting mental well-being.
  - **Cough Severity Detection Model** Feb 2024 - May 2024  
*Machine Learning, Python*
    - Built a machine learning model to assess cough severity due to air pollution using audio signal analysis. Conducted data preprocessing, feature extraction, and model training for accurate, real-time predictions.

## CERTIFICATIONS

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- 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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- **Artificial Intelligence Club** VIT Bhopal  
*Vice President* Feb 2024 – Mar 2025
    - Led and organized recurring AI-focused events, highlighting diverse applications of artificial intelligence and showcasing strong leadership and event management skills.:
  - **Internet of Things Club** VIT Bhopal  
*Co-Lead, PR & Outreach Team* Jul 2023 – Feb 2024
    - Led outreach efforts and secured three distinguished speakers, strengthening the club's visibility and impact.:
  - **Insights Club** VIT Bhopal  
*Content Team Member* Jun 2023 – Jun 2024
    - Authored and contributed high-quality articles to newsletters and magazines, enhancing engagement and demonstrating strong writing skills.: