

# Eshita Mukherjee

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## EDUCATION

### VELLORE INSTITUTE OF TECHNOLOGY (VIT), BHOPAL

Bachelor of Technology in Bioengineering

Cumulative GPA: 7.96/10

Relevant Coursework: Data Analysis, Data Science, Machine Learning, Python Programming

Bhopal, MP

Expected 2026

### ST. JOSEPH'S CONVENT, CHANDANNAGAR

Class XII (2021): 92.4%

Class X (2019): 95%

Chandannagar, WB

## WORK AND INTERNSHIP EXPERIENCE

### DELOITTE AUSTRALIA

Data Science Intern

Remote

May 2025 – Present

- Completed a structured online job simulation focused on real-world data analytics cases
- Designed visual dashboards using Tableau to present key business insights

### VASISHTH GENOMICS RESEARCH LAB

Machine Learning Intern

Remote

Dec 2024 – Present

- Building ML models for diabetes detection using health datasets; utilized Pandas, Scikit-learn
- Reporting directly to senior genomics researchers; contributed to ongoing diagnostics research

### INDIA SPACE LAB

Winter Technical Training

Remote

Dec 2024 – Jan 2025

- Trained in CanSat, CubeSat, drone systems & space entrepreneurship
- Completed certified modules in space tech applications

## PROJECTS

### SLEEP HEALTH ANALYSIS (INDIVIDUAL PROJECT)

Dec 2024

- Correlated sleep patterns with physical and mental health indicators using Python, Pandas
- Built an exploratory pipeline on Google Colab with 400+ records across 13 health features

### SKIN CANCER DETECTION (TEAM PROJECT)

April 2025

- Analyzed 10K+ skin lesion images using Python for classification and diagnosis modeling

### FACEBOOK MARKETPLACE ANALYSIS (INDIVIDUAL PROJECT)

March 2025

- Assessed behavior of Thai retail sellers; derived insights to predict user engagement patterns

## ACTIVITIES AND LEADERSHIP

### INSIGHTS CLUB

Core Content Team

VIT Bhopal, MP

Jun 2023 – Sep 2024

### MIMAMSA '24 NATIONAL SCIENCE COMPETITION

Team Lead

IISER PUNE, Remote

Jan 2017 – Present

## ADDITIONAL

**Technical Skills:** Python (Pandas, Scikit-learn, Tensorflow, Biopython), R, Excel, Google Colab, PyCharm, RStudio

**Languages:** Fluent in English, Hindi, Bengali

**Certifications & Training:** Python (NIELIT), Machine Learning (Finlatics)