



manishamitra30@gmail.com
+91 82407 97049
[linkedin.com/in/manisha-mitra-26315a309](https://www.linkedin.com/in/manisha-mitra-26315a309)

Manisha Mitra

Technical Skills: Operating Systems, Database Management System (DBMS), Computer Architecture, Algorithms Analysis, Data Structures, C++, Java, Python, Tech Entrepreneurship, Graphic Design, Graphics

Certification: Python, AIML (VITyarthi)

| EDUCATION | | | |
|---------------|-------------------------|-------------------------------|-----------------|
| Board | Tenure | Educational institution | CGPA/Percentage |
| B. Tech (CSE) | September 2023 –Ongoing | VIT Bhopal University, Bhopal | 7.81/10 |
| Class XII | July 2021 | Birla Bharati School, Kolkata | 72.4% |
| Class X | May 2019 | Shri Shikshayatan School | 89% |

| ACADEMIC PROJECTS | |
|-------------------|---|
| ML model | <p>Project 1: Mental Health Companion</p> <ul style="list-style-type: none">▪ Description: Developed an ML model to detect early depression among young adults (ages 19-25) using behavioral and lifestyle data.▪ Technology Used: Machine Learning Algorithms (SVM, XGBoost, Random Forest, KNN, Decision Tree, Gaussian Naive Bayes)▪ Data Processing Techniques: Handling missing values, normalization, categorical encoding▪ Feature Engineering: Behavioral & lifestyle features (sleep patterns, academic pressure, family relationships, social media impact)▪ Model Optimization: Hyperparameter tuning, feature importance analysis▪ Team Size: 5▪ Role: Programmer, Graphic Designer |
| Web Application | <p>Project 2: Mental Health Companion (Continuation)</p> <ul style="list-style-type: none">▪ Description: Ongoing improvements in model accuracy and precision and implementing the model as a website▪ Technology Used: Same as above▪ Team Size: 5▪ Role: Programmer, Graphic Designer |

| INTERNSHIP EXPERIENCE | |
|--|-----------------------------------|
| Girlsript Summer of code (Contributor) | <p>2 months Oct’24-Nov’24</p> |

| EXTRA-CURRICULARS AND ACHIEVEMENTS | |
|------------------------------------|---|
| Achievements | <ul style="list-style-type: none">▪ Participant in SIH 2024▪ Rank 15 in Trade Quest, Techkriti’25, IIT Kanpur▪ Participant in ML Hackathon, Techkriti’25, IIT Kanpur▪ Participant in Observe Analyse & Solve, Techkriti’25, IIT Kanpur |
| Responsibilities | <ul style="list-style-type: none">▪ Graphic Designer, Blockchain Club VITB (Apr 2024 – Present)▪ Photographer, Photography and Movie Making Club VIT Bhopal (Jan 2024 – Dec 2024)▪ Graphic Designer, Notion Community VIT Bhopal (Mar 2024 – Sep 2024) |
| Extracurricular | <ul style="list-style-type: none">▪ Participant, AdvITYa (Glam VIT fashion show) (2024&2025)▪ Former Karateka (Silver & Bronze Medalist in District Tournament)▪ Active Swimmer (no professional achievement) |

| ADDITIONAL INFORMATION | |
|------------------------|--|
| Hobbies | <ul style="list-style-type: none">▪ Avid Book Reader – Read numerous novels of various genre, author and languages▪ Traveller- Visited and explored several places nationally and internationally.▪ Trekking- Succesfully completed several Himalayan and regional Treks with certification. |
| Languages | <ul style="list-style-type: none">▪ English (Primary language, full proficiency)▪ Bengali (Mother language, full proficiency)▪ Hindi (Full proficiency)▪ French (Partial proficiency) |