

# BIDISHA BISWAS

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## Education

### VIT Bhopal University

Bachelor of Technology, Computer Science Engineering | CGPA: 8.50

Bhopal, Madhya Pradesh  
October 2022 – May 2026

### Ryan International School

Higher Secondary Certificate(CBSE) | Percentage: 77.4%

Indore, Madhya Pradesh  
April 2021 – May 2022

### Ryan International School

Secondary School Certificate(CBSE) | Percentage: 89.4%

Indore, Madhya Pradesh  
April 2019 – May 2020

## Projects

### MentalHood | August 2024 – May 2025 | Bhopal, Madhya Pradesh

Architected and developed a full-stack mental health chatbot, integrating LLaMA-2 (fine-tuned with LoRA/QLoRA) for empathetic AI support. Constructed a secure platform using MongoDB and JWT for data and authentication, coupled with a user-centric frontend. Fine-tuned LLaMA-2 via LoRA/QLoRA for high-performance, resource-efficient AI.

- Optimized LLaMA-2 via LoRA/QLoRA for high-performance, resource-efficient AI.
- Secured user data and chat management with MongoDB and JWT.
- Designed an intuitive, accessible frontend focused on user well-being.
- Enhanced AI training using a curated mental health dataset and GPT-4 content.

### AI DRAWER | Jan 2023 – May 2023 | Bhopal, Madhya Pradesh

A web platform enabling users to generate images, write creative content, and analyze data through AI.

- Developed a user-friendly web platform that democratizes access to artificial intelligence.
- Leveraged React.js for frontend development.
- Used Node.js for backend development.
- Integrated machine learning models using Python and libraries like TensorFlow and Scikit-learn.
- Designed and implemented intuitive user interfaces and streamlined user workflows.

## Skills

**Technical Skills** C++, MERN Stack, PERN Stack, HTML/CSS, Javascript, SQL, Gen-AI, Full Stack Web Development

**Soft Skills** Team Management and Team Leadership, Technical Writing and Report Writing, Fluency in English, Hindi, Bengali and Sanskrit.

## Certifications

- Full Stack Developer MERN | Issued by SMARTBRIDGE April 2025
- Salesforce Developer Certification Program | Issued by ETHNUS April 2025
- Accenture Nordics-SE Job Simulation | Issued by Forage January 2025

## Achievements

- Participated in **HackVega** organized by **HirePro** at **Mycareernet** in **June 2025**.

## Extra-curricular Activities

- **Interests:** Reading novels by Durjoy Datta and Ravinder Singh, Travelling, Listening to music
- **Clubs:** Served as Content Team Co-Lead in Health-O-Tech Club for March 2024 – May 2024.