

BIDISHA BISWAS

Phone no: +91-9131854787 | Bhopal, Madhya Pradesh

Email: bidisha0610@gmail.com | LinkedIn: bidisha-biswas-ba2548251 | GitHub: bidisha-biswas0610

Education

VIT Bhopal University

Bachelor of Technology, Computer Science Engineering | CGPA: 8.52

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

Skills

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

Projects

ShopEZ | January 2025 – April 2025

Designed and developed a feature-rich E-commerce solution using the MERN stack (MongoDB, Express.js, React.js, Node.js) with secure authentication, dynamic product management, and seamless user workflows.

- Engineered Node.js/Express REST APIs handling auth, product mgmt, and order processing at scale.
- Implemented JWT auth with RBAC (Admin/User roles) using middleware protection.
- Built React frontend with dynamic product UI and optimized state management.
- Designed MongoDB schemas with efficient CRUD ops for 100ms query performance.

MentalHood | August 2024 – May 2025

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

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.

Co-Curriculars

Hackathons

Participated in **HackVega** organized by **HirePro** on **Mycareernet** in **June 2025**

Participated in **ScriptedByHer** organized by **Meesho** on **hackeEarth** in **June 2025**

Interests

Avid reader of romantic fiction by Durjoy Datta

Clubs

Served as Content Team Co-Lead in Health-O-Tech Club for March 2024 – May 2024.