

# Aritra Mandal

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EDUCATION



## SKILLS SUMMARY

- **Languages / Concepts:** C++, Data Structures and Algorithms, Problem Solving
  - **Frameworks:** Express.js
  - **Libraries:** STL, React.js
  - **Tools:** VSCode
  - **Database:** MongoDB
  - **Platforms:** Windows
  - **Soft Skills:** Leadership, Event Management, Time Management

PROJECTS

University Marks Management System (Express.js, EJS)



- Developed a **role-based web application** with **separate login access** for **students and teachers**.
  - Implemented **secure authentication** ensuring users can view data based on their **assigned roles**.
  - Enabled teachers to **upload and update student marks** using **enrollment numbers** as unique identifiers.
  - Built dynamic server-side rendered views using **EJS** for displaying marks and academic records.

## MCQ Quiz Application (React.js)



- Built a **React-based quiz application** with static MCQ questions.
  - Used **state management** to track selected answers and calculate scores.
  - Applied **conditional rendering** to display results after quiz completion.

## ACHIEVEMENTS

- Cleared the **DSA** round (Round 1) of the **Adobe Hackathon**
  - Participated in **Smart India Hackathon (SIH)** 2024
  - Secured **Rank 1** in the **Arambagh Zone (Bankura)** in the **Pathfinder Examination**
  - Recipient of a **State Government Scholarship**, awarded annually based on academic merit

## INTERESTS

Watching and playing cricket