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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.78 (Current)	2022-Present
Senior Secondary	CBSE Board	92.6%	2022
Secondary	CBSE Board	92.8%	2020

PROJECTS

- **MedBuddy : AI-Powered Disease Prediction Platform** *December 2024*
  Independent Software Project — Github
  - Developed a machine learning-based web application that predicts diseases based on user-provided symptoms and offers tailored medications, precautions, and diet plans.
  - Implemented Flask for the backend and React.js for the frontend, ensuring seamless communication through REST APIs.
  - Engineered a multi-class classification ML model using Scikit-learn, Pandas, and NumPy, achieving 98% accuracy in disease detection.

- **Kind Connect : Community Assistance Platform** *July 2024*
  Independent Full-Stack Project — Github
  - Designed and developed a community-driven platform that connects people seeking and offering assistance within their locality, using MERN stack (MongoDB, Express.js, React.js, Node.js).
  - Implemented JWT-based authentication to ensure secure user interactions and Bcrypt for password hashing.
  - Integrated MongoDB Atlas for a scalable and cloud-based database solution, ensuring seamless data storage.

- **Code Mate : Real-Time Collaborative Code Editor** *June 2024*
  Independent Full-Stack Project — Github
  - Built a high-performance collaborative code editor in React Socket.io, enabling real-time team coding with 30% faster sync speeds
  - Integrated code execution support for multiple languages, allowing developers to compile and run code within the editor.
  - Implemented dark mode and syntax highlighting for an optimized user experience.

TECHNICAL SKILLS

- **Programming Languages & Concepts**: Python, C++, JavaScript, OOP, DSA, Design Patterns
- **Web Development**: HTML, CSS, React.js, Tailwind CSS, Bootstrap, Node.js, Express.js, Flask, REST APIs
- **Data Science & ML**: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, Feature Engineering
- **Databases & Tools**: MongoDB, MySQL, Firebase, Git, GitHub, GitLab, VS Code, Postman, Socket.io, WebSockets

POSITIONS OF RESPONSIBILITY

- **Web Coordinator, Student's Academic Board, IITG** *April 2025 – Present*
  - Led the maintenance and updates of the Academic Board and RIC (Research Industrial Conclave) websites, hosted on PythonAnywhere.
  - Coordinated a team and resolved conflicts to ensure smooth collaboration, content updates, and continuous improvement of both platforms.

- **Game Developer, GameDev and Esports Club, IITG** *June 2023 – April 2025*
  - Led the development and deployment of 3+ game projects, optimizing UI and performance using Unity & C#.
  - Organized 5+ workshops on Game Development, Unity Engine, and GitHub, mentoring 100+ students.

RELEVANT COURSEWORK

- **Pattern Recognition and Machine Learning** *Jan 2025 - May 2025*
  - Feature Engineering, ML Algorithms, Deep Learning, Probabilistic Models, and Ensemble Methods.

- **Biological Data Analysis** *Jan 2025 - May 2025*
  - Descriptive statistics, Probability Distributions, Hypothesis Testing, PCA, and Data Visualization using R

EXTRACURRICULAR ACTIVITIES

- Contributed to 10+ open-source projects, implemented new features, fixed bugs, and improved documentation.

- Practiced 500+ DSA problems on platforms like LeetCode and GFG to strengthen problem-solving skills.