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B.Tech - Bioscience and Bioengineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.4 (Current)	2022-Present
Senior Secondary	CBSE Board	93.6%	2022
Secondary	CBSE Board	93.8%	2020

PROJECTS

- Airline-Management-System** 16 May. 2024 - 26 June. 2024
Coding Club,IIT Guwahati Github
 - Implemented the backend of the application using Express and Mongoose, ensuring efficient and seamless integration.
 - Developed robust authentication mechanisms using JSON Web Tokens (JWT) to enhance application security.
 - Worked on the notification system to send alerts and reminders to users about upcoming flights,check-in deadlines and other important travel-related information.
 - Developed features enabling users to receive real-time updates on flight availability, schedules, and prices.
 - Collaborated closely with the frontend team to ensure seamless functionality integration.
- dApp** 16 April. 2024 - 24 April. 2024
Finance and Economics club,IIT Guwahati Github
 - Acquired comprehensive understanding about Web3,Blockchain,Smart Contracts and also developed a working dApp on Ethereum.
 - Developed the basic frontend of the application using React for dynamic user interfaces and Tailwind CSS for responsive and modern styling.
- Modified Youtube** March. 2024 - ongoing
Personal Project Github
 - Developed a video-sharing platform inspired by YouTube, incorporating unique features.
 - Innovatively integrated a tweet-like feature within a YouTube-inspired platform, allowing users to engage with content through concise reactions akin to social media interactions.
 - Enhanced user engagement through real-time interaction, enabling users to express opinions and engage with content creators.
 - Utilized technologies like Nodejs/Express and MongoDB.
- PostMe** March 2024 - May 2024
Personal Project Github
 - Integrated Appwrite as a backend service for managing databases, authentication, and real-time data synchronization.
 - Developed functionality to allow users to create new posts,edit and delete their posts.
 - Utilized React Redux for state management, ensuring smooth and efficient updates to the UI.
 - Utilized Tailwind CSS to create a responsive design, ensuring the application looks great.

TECHNICAL SKILLS

- Programming:** C/C++, Javascript
- Web Technologies & Frameworks:** HTML,CSS,Figma,Javascript,Reactjs,Nodejs,Express,Mongodb,MYSQL,Socket.io
- Miscellaneous:** Git,Github,Matlab,Postman,MSExcel * Elementary proficiency

KEY COURSES TAKEN

- Mathematics:** Linear Algebra, Basic Calculus, ODE and PDE, System of linear equation
- Winter Consulting:** A primer course on Management and Consulting organized by Consulting and Analytics Club,IIT Guwahati
- Biosciences & Bioengineering:** Genetic Engineering,Microbiology
- Online courses(Coursera):** Google UX Design,AWS Cloud Practitioner Foundations

ACHIEVEMENTS

- JEE ADVANCED:** Secured **3674** Category rank among 0.25 million candidates 2022