Tashu

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EDUCATION

Course	College / University	Year	CGPA / %
B.Tech (ECE - IoT)	Netaji Subhas University of Technology	2022 - Present	7.78
Board (Class XII)	Rajkiya pratibha vikas vidyalaya	2022	81

PROJECTS

- **Visual Identity**
  - ○ Tech Stack: React, Three.js, GSAP, Vite
    Designed an interactive personal portfolio with animated 3D models and text transitions using GSAP and Three.js.
    Boosted visitor **engagement by 50%** through intuitive UI and motion design.
- **CaptureMoments**
  - ○ Tech Stack: React, Node.js, Express.js, MongoDB
    Built a full-stack travel blogging platform with JWT authentication and MongoDB for persistent storage **managed 50+** mock user posts with scalable REST API integration.

- **Pokémon API Explorer**
  - ○ Tech Stack: React, Tailwind CSS, REST API
    Developed a responsive single-page app to fetch and display Pokémon details us
    R**educed by 20%** UI latency by optimizing fetch and state management techniques.
    - ○
- **BridgeOn**
  - Tech Stack: React, NodeJS, Socket.IO, Express, MongoDB
  - Developed a **scalable real-time chatroom application** enabling users to connect live, join rooms, chat privately or in groups, and become permanent members, fostering inclusivity and addressing loneliness in today's generation.

ACTIVITIES AND ACHIEVEMENTS

- **Mentee at Katalyst**   Nov'23-present
- Top **0.02%** in nptel : IIOT from 40,000+ participants
- Maintained **10+** personal repositories on GitHub

TECHNOL OGIES

- **Languages:** C++, C, JavaScript,, SQL
- **Web Development:** JavaScript, HTML, CSS, ReactJS, , NodeJS, RestAPI, ExpressJS
- **Database Management:** MySQL, MongoDB
- **Computer Science:** Data Structures, Algorithms, OOPs, OS, Cloud Computing
- **Problem Solving:** Analytical thinking, algorithm design, and implementation