AMAN SHARMA

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Education

International Institute of Information Technology	**2021 − 2025**
BTech - Computer Science and Technology	*Bhubaneswar, Odisha*

Projects

CLip Cart | *HTML, Tailwind CSS, React Js, Context API, Express Js, Node Js, MongoDB*   **November 2023**
- Implemented a dynamic and efficient Single Page Application (SPA) structure using React JS, eliminating the need for page refreshes and optimizing user experience.
- - Employed Context API for state management, ensuring a streamlined flow of data throughout the application.
- Implemented a secure user authentication system using JWT tokens and bcrypt.js for password hashing, ensuring robust user data protection
- Integrated MongoDB database for efficient storage and retrieval of order-related data, ensuring a scalable and organized structure.
- Established a robust server using Node.js and Express.js, ensuring high-performance server-side operations for seamless communication between the client and server.
- Utilized Axios for efficient data fetching from external APIs, enhancing the website's functionality and providing real-time updates.

Trip Bliss | *HTML , Tailwind CSS , React Js , Rapid Api*   **October 2023**
- Developed "Trip Bliss," a single-page application using React, Material UI, and Tailwind CSS.
- Integrated Rapid API's Travel Advisor API for real-time retrieval and display of restaurant data on Google Maps.
- Implemented the useEffect hook to ensure smooth handling of side movements and interactions.
- Empowered users to search for nearby restaurants, hotels, and attractions, presenting results in a convenient list format.
- Enabled location visualization on Google Maps for a comprehensive overview of the selected places.

Speech to text | *Html , css*   **July 2023**
- Utilizes a Speech to Text npm package to transcribe spoken words into text.
- Allows users to easily copy the transcribed text or download it in a .txt file format.
- Designed with HTML and CSS for an intuitive and accessible user experience.

Technical Skills

Languages: Python, C, C++, HTML, JavaScript,
Developer Tools: VS Code
Technologies/Frameworks: ReactJS, NextJS, ExpressJS, NodeJS, MongoDB, Tailwind CSS and Bootstrap
Designing Skills:Canva

ACHIEVEMENTS

- Developed interactive and user-friendly frontend components using technologies like React js , Next js , tailwind css ,etc ensuring a seamless and engaging user experience.
- Implemented robust backend functionalities, handling data processing and server-side logic with technologies such as Node js and Mongo db , contributing to the overall functionality and performance of the projects.   3

Volunteering

* Elevated the digital presence of Automation and Robotics Society (TARS), IIIT Bh, by volunteering in the Web Development team. Crafted robust database models using Django ORM. Streamlined data management, ensuring seamless interaction with relational databases and contributing to the society's technological advancement
* As a dedicated Customer Engager at Tapotap Products Private Limited, I fostered positive client relationships and addressed inquiries, enhancing overall customer satisfaction. Additionally, served as Products Manager, contributing to strategic planning and coordination for product development initiatives.