ABHISEK KAR

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PROFILE SUMMARY

As an aspiring MERN stack developer, I bring a strong foundation in web development, including HTML, CSS and JavaScript. Eager to learn, I seek opportunities to apply and expand my skills in MongoDB, Express, React and Node.js. Committed to contributing and growing in a dynamic development environment.

SKILLS

Languages: Java | Javascript
Database Management: MySQL | MongoDB
Front-End: HTML | CSS | Javascript | ReactJs | Redux
Back-End: NodeJS | ExpressJs | REST API
Libraries & Frameworks : Redux Toolkit | Bootstrap | TailwindCSS | Axios | Mongoose | Sequelize
Version Control: GIT | GITHUB
Developer Tools: Visual Studio Code | Postman | Chrome DevTools | NPM

EDUCATION

Government College of Engineering, Keonjhar   2020-2024
Bachelor of Technology - Computer Science & Engineering   Aggregate CGPA: **8.92**
Relevant Coursework:
Operating System | Compiler Design | Data Structure | Algorithm | DBMS

PROJECTS

IntelliCHAT (Inspired By ChatGPT):

- Developed a secure AI **chatbot** platform using the **MERN** Stack and advanced authentication.
- Implemented user authentication via **JWT** tokens and **HTTP-only cookies** for heightened security.
- Utilized **Express-Validators** middleware for data validation.
- Designed a modern, responsive chat UI using **Material UI**.
- Integrated **OpenAI API** for AI-driven conversations.
- Engineered a custom authentication system to manage user sessions.

CAMPUS-TRACK (Student Monitoring System - currently working):

- Created a **MERN**-based Student Monitoring System for streamlined attendance and performance tracking.
- Implemented secure **React**, **Node.js**, **Express.js** and **MySQL** authentication, faculty access and admin management to enhance data control with a responsive UI using **Tailwind CSS**.
- Optimized administrative processes leading to improved decision-making and communication.
- Significantly improved the efficiency and accessibility of academic data

Real-Time Chat Application:

- Developed **real-time chat** application using **React** and **Node.js** with **WebSocket (socket.io).**
- Designed a responsive chat interface for instant communication.
- Utilized **WebSocket** for real-time messaging, enhancing engagement.
- Implemented message features for seamless real-time conversations.
- Successfully deployed to support real-time communication and improve user experience.

CERTIFICATIONS

The Complete 2023 Web Development Bootcamp Certification   July 26, 2022
Modern React with Redux [2023 Update]   Nov 02, 2023
AMCAT Certified Software Development Trainee   Oct 19, 2023