NIKHIL SHARMA

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github.com/Nikhil-0607

Highly motivated Computer Science Engineering student with a solid background in full-stack development. Proficient in developing responsive web applications using React.js, Node.js, Express.js, and MongoDB. Demonstrated ability to lead team projects, solve problems, and deliver high-quality code. Quick learner with a history of successfully completing projects.

WORK EXPERIENCE

Internship   **Jul 2024 - Present**
Lawazia Tech   **Dumka**

- Implemented an AI-based chat application utilizing an **LLM model** to achieve *increase* in accuracy when determining correct answers, leveraging the **OpenAI API.**
- Developed an **intelligent system** that dynamically generates **quiz questions** using **natural language processing (NLP)** techniques, ensuring a **unique and engaging experience** for users with each quiz they take.
- Adaptive learning algorithms were implemented to adjust the difficulty level of questions based on the user's performance, providing a **personalized learning experience** that helps users improve its knowledge **progressively**.
- Integrated **real-time feedback mechanisms** have been implemented to provide immediate explanations and insights for each answer, helping users understand its mistakes and learn more effectively.
- Developed a comprehensive analytics dashboard that monitors **user performance, progress, and areas of improvement** over time, enabling both users and administrators to track learning outcomes and enhance study plans

PROJECTS

Full-Stack Expense Tracker ⧉   **Nov 2023 - Present**

- Developed a **web app** for tracking and categorizing daily expenses, with secure user authentication.
- Built **RESTful APIs** using **Node.js** and **Express.js**, and utilized **MongoDB** for efficient data storage.
- Created a **dynamic frontend** with **React.js** and **Redux** for seamless state management and user experience.
- Integrated **data visualization** (charts and graphs) for enhanced spending analysis and insights.
- Tested **backend APIs** with **Postman** to ensure reliability, security, and optimal performance.

Doctor Appointment Website ⧉   **Sep 2024 - Oct 2024**

- Developed a **user authentication** system enabling patients to securely create accounts, log in, and manage their bookings.
- Designed and implemented a **search functionality** to locate doctors by specialization, location, and availability, enhancing patient convenience.
- Built an **admin dashboard** for efficient management of doctor profiles, schedules, and patient appointments.
- Utilized the **MERN Stack (MongoDB, Express.js, React.js, Node.js)** for a robust, scalable application architecture.
- Integrated **JWT-based authentication** for secure user sessions and data protection.
- Employed **Redux** for effective state management, ensuring smooth user interactions across the application.

EDUCATION

B.Tech in Computer Science and Engineering   **Oct 2022 - Oct 2025**
Dumka Engineering College   **GPA:** CGPA: 7.64/10 (till 5th sem)

SKILLS

Programming Languages: Java, HTML, CSS, JavaScript, NodeJS, SQL

Version Control System: Git and Github.

Code Editor: VS Code.

Libraries: React JS, Express JS.

Problem solving: DSA in Leetcode.

CERTIFICATIONS

Problem Solving (Basic) (Credential ID: 7224B66AD2B5) ⧉ by **HackerRank**   **Jun 2024**
Google Data Analytics ⧉ by **Google**   **Apr 2024**

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Coordinator   **Jul 2024 - Present**
Techurious and Fanatic   **dumka**

Coordinated and managed **events** for **Techurious** and **Fanatic** in DEC Tech fest 2k24 also participated in **Algoarena Coding** competition.

LANGUAGES

English (Native proficiency) • **Hindi** (Native proficiency)