Shaik Sohel

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Summary

MERN Stack Developer with hands-on experience in building responsive, high-performance web applications. Skilled in React, Node.js, Express, MongoDB and Python. Strong in writing scalable code, debugging, and optimizing performance for fast user experiences.

Education

Lord's Institute of Engineering and Technology - Osmania University   **Sep. 2021 – May 2024**
Bachelor of Science in Computer Science-AIML

Projects

Student Data Management System | *React.js, JavaScript, Node.js, Express.js, Mongo.DB*   **2025**

- Built a full-stack CRUD application to manage student records efficiently.
- Designed a responsive UI using Tailwind CSS for mobile and desktop views.
- Implemented RESTful API for efficient frontend-backend communication.
- Integrated Axios for real-time data fetching and React Hooks (useState,useEffect) for state Management.

User Data CRUD Application | *React.js, JavaScript, Node.js, Express.js, Mongo.DB*   **2025**

- Created a web app to manage **user data** using **CRUD operations**.
- Used **React.js** for frontend and **Node.js with Express.js** for backend.
- Stored user details in **MongoDB** database.
- Implemented features to **add, view, edit, and delete** user information.

E-Commerce React-based Web Application | *HTML, CSS, JavaScript,React.js*   **2024**

- Developed a fully responsive e-commerce website using React.js with dynamic products from API. Integrated Axios for seamless API data fetching
- Implemented product listing, product category. product details, add to cart.
- Designed an intuitive UI with CSS and ensured cross-device responsiveness for a seamless user experience.

American Sign Language (ASL) recognition system | *Python, Machine Learning / Deep Learning,*   **2025**

- Built a machine learning model to identify American Sign Language (ASL) hand signs.
- Used **Python, TensorFlow, and OpenCV** to train and test the model.
- Collected and preprocessed ASL images for training the system. .
- Used **CNN (Convolutional Neural Network)** for gesture recognition.

Technical Skills

Languages: Python, JavaScript (ES6+)
Front End: HTML/CSS, Tailwind CSS, React.js, Redux, Responsive Design
Back End: Node.js, Express.js, RESTful APIs, Postman
Database: MongoDB, Mongoose
Developer Tools: VS Code,

Certification / Training

MERN Stack Developer Training   **June 2024 - January 2025**
Quality Thought   *Hyderabad, Telangana*

- In training covered HTML,CSS Bootstrap, Node.js, Express.js, REST API development, MongoDB. Responsive UI Design