

PREMANSHU SHARMA

BAGBERA, JUGSALI, JAMSHEDPUR, JHARKHAND

+91 7979095768 # 09ANSHU850@GMAIL.COM # [LINKEDIN](#) # [GITHUB](#)

Summary

Skilled recent graduate proficient in data structures, algorithms, and web development technologies. Eager to apply expertise in building efficient algorithms and developing dynamic web applications, contributing to innovative projects with a collaborative mindset.

Skill Highlights

C | C++ | JavaScript | Data Structures and Algorithm | HTML | CSS | Bootstrap | Tailwind | React.js | Node.js
MongoDB | SQL | GIT | GITHUB

Projects

MERN STACK BLOG APP [\[LINK\]](#)

Description: Developed a comprehensive web application using the MERN (MongoDB, Express, React, Node.js) stack, providing users with a seamless blogging experience. The MERN Stack Blog App enables users to perform CRUD (Create, Read, Update, Delete) operations on blog posts, as well as register and log in to the application for personalized interactions.

Key Contributions:

- Leveraged **MongoDB** for efficient data storage, ensuring scalability and flexibility for managing blog posts and user information.
- Utilized **Express.js** to build a robust backend server, handling HTTP requests, routing, and middleware for authentication and authorization.
- Implemented **React.js** for the frontend interface, creating a modern and responsive user experience with dynamic components and interactive elements.
- Utilized **Node.js** for server-side scripting, enabling efficient data processing, error handling, and communication between the frontend and backend.
- Integrated user authentication and authorization functionalities using **JSON Web Tokens (JWT)**, ensuring secure access to application features and resources.

Tools & Technologies:

MongoDB | Express.js | React.js | Node.js | JSON web tokens | JavaScript

Movie Application [\[LINK\]](#)

Description: Developed a dynamic Movie Application using React, Redux, Routing, Axios, React Bootstrap CSS, and SCSS. The project aimed to provide users with an intuitive platform to discover, search, and explore information about movies by fetching data from The Movie Database API.

Key Contributions:

- Leveraged **React** framework to create a responsive and interactive user interface, allowing seamless navigation and exploration of movie details.
- Implemented **React Hooks** for state management and lifecycle functionalities, optimizing performance and code readability.
- Incorporated **Redux** for centralized state management, enabling seamless data flow and synchronization between components.

- Utilized **Axios** for efficient data fetching from **The Movie Database API**, enabling real-time updates and accurate information retrieval.
- Integrated React Bootstrap CSS for styling components and layouts, ensuring a visually appealing and cohesive design across the application.

Tools & Technologies:

React.js | Redux | Redux Toolkit | React Bootstrap CSS | The Movie Database API

Personal Portfolio Website [\[LINK\]](#)

Description: Designed and developed a personal portfolio website using HTML, CSS, Bootstrap, and React to showcase professional skills, experiences, and achievements. The project aimed to create a visually appealing and interactive platform for recruiters and collaborators to gain insights into my profile.

Key Contributions:

- Infused personal style and personality into the design, reflecting professional identity and fostering connections with recruiters and potential collaborators.
- Leveraged React components to introduce dynamic elements such as interactive buttons, smooth transitions, and modal pop-ups, increasing user engagement.
- Utilized HTML and CSS to create a clean and modern design with responsive layout components, ensuring optimal viewing across various devices.
- Integrated Bootstrap framework to implement responsive navigation bars, grids, and cards, enhancing both visual appeal and user experience.

Tools & Technologies:

HTML | CSS | Bootstrap | JavaScript | React.js

Accomplishments

- **Martian Internship at Persistant Systems** – [June 2023 – Aug 2023]
Picking up core computer science hard skills and brushing up on soft skills. Learnt and practiced DSA, Java & Database management systems.
- Leetcode Weekly contest 198 Global rank **668** out of 14221 participants.
- 450+ coding questions solved on GFG.
- 300+ coding questions solved on Leetcode.
- Proposal selected and paper published on Handwritten Digit Recognition from Microsoft CMT 2024
- Successfully managed college Technical Fest “**KRITANJ 2023**” as one of the core coordinators.

Education

Nov 2020 – Present

Narula Institute of Technology

B.Tech | Computer Science & Engineering

CGPA: 9.1

Apr 2017 – May 2019

Narbhream Hansraj English School

ISC | Higher Secondary

Percentage: 95