

MD SAHAB HASSAN

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EDUCATION

JC Bose University of Science and Technology, YMCA 2023 – Present

B.Tech Computer Engineering

Maulana Azad National Urdu University 2020 – 2023

Diploma in Computer Science Engineering

SKILLS

Languages: JavaScript, Python, C.

Frameworks and Libraries: MVC, React.js, Tailwind CSS.

Databases: MongoDB, MySQL.

Tools & Platforms: Git, Postman, Docker (Basics), Kubernetes (Basics).

Architecture & Concepts: REST APIs, Microservices Architecture, Cloud Fundamentals.

PROJECTS

MagicLens-AI | Project Link March 2025 – May 2025

Tech Stack: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Tailwind CSS, ClipDrop API

- Developed a **full-stack AI-powered text-to-image generation web application** using the MERN Stack with a decoupled client-server architecture.
- Integrated the **ClipDrop Text-to-Image API** to generate high-quality AI images, with options to regenerate, preview, and download.
- Implemented **JWT-based authentication** (Login, Sign-Up, Profile Management) for secure access control.

MediBooker | Project Link Nov 2024 – Jan 2025

Tech Stack: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Cloudinary

- Developed a **full-stack Hospital Management & Appointment Booking web application** using the MERN Stack with a role-based access system (Patient, Doctor, Admin).
- Designed a **responsive and user-friendly UI** using **React.js** and **Tailwind CSS** for seamless booking and browsing experience.
- Built an **Admin Dashboard** to manage doctors, users, appointments, and hospital resources with real-time overview and control.
- Integrated **Cloudinary cloud storage** for secure handling of doctor profile images and hospital data assets.

PortFolioX | Project Link Aug 2024 – Sept 2024

Tech Stack: HTML, CSS, JavaScript, React.js, Vite, Node.js, GitHub, Vercel, ChatGPT

- Built a **responsive personal portfolio website** using **React JS** and **Vite**, showcasing projects, skills, and contact details.
- Implemented **light and dark mode theme switching** for enhanced user experience and modern UI appeal.
- Created **reusable and modular React components** for hero, projects, skills, and contact sections.
- Deployed the website on **Vercel** for global accessibility with continuous integration from **GitHub**.

COURSEWORK

Data Structures, Algorithms · Operating Systems · OOP · DBMS · Computer Networks · Automata · Computer Architecture · Discrete Mathematics · Design and Analysis of Algorithms

CERTIFICATION

- Web Development Intern**, Swecha Foundation – Online (1 Week)
- Full Stack Development Intern**, Technofly Solutions – Offline (1 Month)