

SHEKHAR HANS

Kolkata, West Bengal

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🌐 ShekharHans



EDUCATION

B.Tech, Computer Science and Engineering

Meghnad Saha Institute of Technology

YGPA: 7.72

July 2021 - July 2025

Kolkata, West Bengal

Higher Secondary Education (WBCHSE)

Bankura Christian Collegiate School

Percentage: 80.2%

2020

Bankura, West Bengal

Secondary Education (WBBSE)

Monglapota High School

Percentage: 82.85%

2018

Garhbeta, West Bengal

TECHNICAL SKILLS & COURSEWORK

Languages: C, C++, JavaScript, TypeScript, SQL, Also familiar with basics Python

Front-end Technologies: HTML, CSS, Tailwind, React.Js, Next. Js, Three. Js, GSAP

Back-end Technologies: Node.Js, Express.js and Basic knowledge on Firebase

Database: MongoDB, MySQL

Tools: Git and GitHub, VsCode, Postman, MongoDB Compass, MySQL workbench

Coursework: Data Structures & Algorithms, Object Oriented Programming, Database Management System, Operating System, Computer Networks

PROJECTS

SuSwaccha 📄 — *Transparent Access to Essential Waste Services (Web Application)* 🌐 GitHub Link

- Mastered **full-stack development**, integrating **React Js** for dynamic UI, **Express**, **Node.js** and **MongoDB** for backend services, and deploying on **AWS** and **Vercel** for scalable hosting.
- Implemented **third-party services**, **secure authentication**, **real-time communication**, and managed **web servers** on **Ubuntu**.

FitHack 📄 — *An Online Fitness Assistant Tool (Web Application)* 🌐 GitHub Link

- Gained expertise in **full-stack development** with **React Js**, **Node.js**, **Express**, **MongoDB**, and deployment on **Vercel**.
- Utilized **Clerk** for user authentication, **Mediapipe** and **ml5** for posture detection, **JWT** for secure authentication, **Axios** for real-time communication, and developed **REST APIs** for managing exercise data.

PFolio 📄 — *A Personal Portfolio (Web Application)* 🌐 GitHub Link

- Gained expertise in building **responsive web interfaces** using **React Js** and **Tailwind** for scalable and maintainable design.
- Enhanced skills in integrating **modern UI libraries** such as **Acernity UI** and deploying applications on **Vercel**.

ACHIEVEMENTS

- **Smart India Hackathon 2023 Finalist** December 2023
Secured top 5 place among 500 ideas across India in the problem Statement given by Ministry of Jal Shakti in Smart India Hackathon 2023.