

Shubhrajit Sadhukhan

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EDUCATION

Indian Institute of Information Technology, Ranchi <i>BTech in Computer Science and Engineering (AI&DS); CGPA 8.66</i>	Ranchi, India 2023 – 2027
Army Public School, Barrackpore <i>CBSE 10+2</i>	Kolkata, West Bengal 2011 – 2023

PROJECTS

MealMap <i>React, Firebase, Mapbox</i>	2024
<ul style="list-style-type: none">Developed a web application where donors can donate food and NGOs or individuals in need can locate nearby food resources using MapboxBuilt the backend by deploying a Node.js environment on Firebase Functions and used Firebase Cloud Messaging (FCM) to send push notifications of nearby donations instantly.Built a PWA using Workbox and also set up CI/CD using github actions	
josaa-cutoffs <i>HTML, Bootstrap, Javascript, Sqlite, Web scrapping</i>	2023
<ul style="list-style-type: none">Developed a user-friendly website to display jee cutoffs with custom filtersScrapped the data from the official website, then imported it into a local sqlite database and queried it using sql.jsAchieved around 3000 users during May-June 2024, with an average engagement time of 2 minutes (according to Google Analytics)	
cli Chatbot <i>OpenAI API, Node.js</i>	2024
<ul style="list-style-type: none">Used OpenAI api to generate responses based on user input using the gpt-3.5-turbo modelIt maintains a chat history to provide contextually relevant responses	
Visual-Tower-of-Hanoi <i>Python</i>	2024
<ul style="list-style-type: none">Implemented the classic Tower of Hanoi problem using recursionCreated a visual representation of the disks using ASCII art, that allows users to observe each step by pressing Enter	

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL
Frameworks: Express.js, Bootstrap, Mongoose
Libraries: React, React Native, NumPy, Matplotlib
Developer Tools: Git, Docker, Firebase

ACCOMPLISHMENTS

Participated in Smart India Hackathon 2024