

Shubhrajit Sadhukhan

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EDUCATION

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| 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

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| 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> | 2023 |
| <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