

Shubhrajit Sadhukhan

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EDUCATION

Indian Institute of Information Technology, Ranchi <i>BTech in Computer Science and Engineering (AI & DS); CGPA 8.9</i>	Ranchi, India 2023 – 2027
Army Public School, Barrackpore <i>CBSE 10+2</i>	Kolkata, India 2011 – 2023

EXPERIENCE

Smart India Hackathon <i>Government organized hackathon</i>	Oct 2024
<ul style="list-style-type: none">• Our team made a healthcare management system to streamline hospital operations and enhance patient care• Managed Firebase for backend services like hosting, authentication and cloud functions• Built the flagship feature: an e-prescription system for doctors that automatically generates PDFs and adds prescription data to patient records	

PROJECTS

Overleaf Resume Syncer <i>Github Actions, Python</i>	2025
<ul style="list-style-type: none">• Built a Github Action to auto-sync and publish resume pdfs from Overleaf using Selenium• Published the workflow as a composite action to allow easy reuse in other repos• Improved action runtime by 50% by diffing latex source file and caching python dependencies	
MealMap <i>React, Firebase, Mapbox</i>	2024
<ul style="list-style-type: none">• Developed a web application to connect food donors with NGOs or individuals in need• Utilized Mapbox for an intuitive map interface enabling donors to easily drop their location and details on map and NGOs to see donors within their vicinity• Used Firebase Cloud Messaging (FCM) to send push notifications of nearby donations instantly	
josaa-cutoffs <i>HTML, Bootstrap, Javascript, SQLite, Web scrapping</i>	2023
<ul style="list-style-type: none">• Crafted a user-friendly website to display JEE cutoffs with custom filters• Scrapped the data from official website, imported it into a local SQLite database and queried it using sql.js• Achieved 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 model• It maintains a chat history to provide contextually relevant responses	

TECHNICAL SKILLS

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

ACHIEVEMENTS

- 2 stars in CodeChef