

# Shubhrajit Sadhukhan

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🌐 [linkedin.com/in/shubhrajit-sadhukhan](https://www.linkedin.com/in/shubhrajit-sadhukhan) 🏠 [github.com/Sbrjt](https://github.com/Sbrjt) 📁 Portfolio

## EDUCATION

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

## EXPERIENCE

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

## PROJECTS

<b>Overleaf Resume Syncer</b>   <i>Github Actions, Python</i>	2025
<ul style="list-style-type: none"><li>Automated the process of syncing and hosting a resume using Github Actions</li><li>Wrote a Selenium script to detect changes and fetch updated PDF from overleaf</li><li>Refined the workflow into a Composite Action for improved reusability</li></ul>	
<b>MealMap</b>   <i>React, Firebase, Mapbox</i>	2024
<ul style="list-style-type: none"><li>Developed a web application to connect food donors with NGOs or individuals in need</li><li>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</li><li>Used Firebase Cloud Messaging (FCM) to send push notifications of nearby donations instantly</li></ul>	
<b>josaa-cutoffs</b>   <i>HTML, Bootstrap, Javascript, SQLite, Web scrapping</i>	2023
<ul style="list-style-type: none"><li>Crafted a user-friendly website to display JEE cutoffs with custom filters</li><li>Scrapped the data from official website, imported it into a local SQLite database and queried it using sql.js</li><li>Achieved around 3000 users during May-June 2024, with an average engagement time of 2 minutes (according to Google Analytics)</li></ul>	
<b>cli Chatbot</b>   <i>OpenAI API, Node.js</i>	2024
<ul style="list-style-type: none"><li>Used OpenAI api to generate responses based on user input using the gpt-3.5-turbo model</li><li>It maintains a chat history to provide contextually relevant responses</li></ul>	

## 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