

# Shubhrajit Sadhukhan

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## EDUCATION

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

## EXPERIENCE

<b>Internlay</b> <i>College competition</i> <ul style="list-style-type: none"><li>Our team aimed to create an all-in-one solution for the management and coordination of various aspects of college sports</li><li>Implemented user authentication, ensuring that only organization users could sign in and access the system</li><li>Collaborated with team to implement various API routes for core functionality, such as managing sports events and scheduling</li></ul>	Nov 2024
<b>Smart India Hackathon</b> <i>Government organized hackathon</i> <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>	Oct 2024

## PROJECTS

<b>Overleaf Resume Syncer</b>   <i>Github Actions, Python</i> <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>	2025
<b>MealMap</b>   <i>React, Firebase, Mapbox</i> <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>	2024
<b>josaa-cutoffs</b>   <i>HTML, Bootstrap, Javascript, SQLite, Web scrapping</i> <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>	2023

## TECHNICAL SKILLS

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