

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">Collaborated in a 6-member team to develop a healthcare management system that streamlined hospital operations and improved patient care.Managed Firebase for backend services like hosting, authentication and cloud functions.Built the flagship e-prescription feature featuring searchable medicine database, dosage input, automated PDF generation, and integration with patient records.Delivered a functional prototype in under 24 hours, leading to the team being shortlisted at the college level.	

PROJECTS

MealMap <i>Express, MongoDB, Next, Mapbox</i>	2025
<ul style="list-style-type: none">Developed a web application to connect food donors with NGOs or individuals in needUtilized Mapbox for an intuitive map interface enabling donors to easily drop their location and details on map and NGOs to see donors within their vicinityUsed Web Push API and geospatial queries in MongoDB to send real-time notifications of nearby donationsDeployed on Render with 100% uptime, zero cold starts, CDN-backed frontend, scalable backend services, and auto-deploy on push via GitHub	
Overleaf Resume Syncer <i>Github Actions, Python, Selenium</i>	2025
<ul style="list-style-type: none">Built a Github Action to auto-sync and publish resume pdfs from OverleafPublished the workflow as a composite action to allow easy reuse in other reposReduced action runtime by 50% by diffing latex source file and caching python dependencies	
College Predictor <i>HTML, Bootstrap, Javascript, SQLite, Web scrapping</i>	2024
<ul style="list-style-type: none">Crafted a user-friendly website to display JEE cutoffs with custom filtersScraped and processed 10,000+ entries from the official JoSAA website and stored them in a local sqLite databaseEnabled client-side querying with sql.js, delivering instant results with zero server loadAttracted 3000 users during May-June 2024, with an average engagement time of 2 minutes (according to Google Analytics)	

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

- Earned 2 stars rating on CodeChef and solved 150+ problems on LeetCode
- Secured 38th college rank in Naukri's EROH Contest
- 590 reps on Stack Overflow with active contributions