

SOURIN GHANTY

☎ +917908761903 ✉ souringhanty.123@gmail.com 🔗 -sourin-ghanty 🌐 sourin8590 📁 Portfolio

Objective

To leverage my programming, problem-solving, and full-stack development skills to build scalable, user-centric applications and contribute to impactful projects in a dynamic organization.

Education

Ramkrishna Mahato Government Engineering College, Purulia

Sep 2021 – Jun 2025

Computer Science And Engineering

CGPA: 8.9/10

Coursework: DSA, OOP, DBMS, Operating System, Computer Network

Raniganj High School, Raniganj

Mar 2019 – Mar 2020

Higher Secondary Examination

Percentage: 92.2%

Technical Skills

Languages: C++, JavaScript, Typescript, Python

Database: SQL, MongoDB, PostgreSQL

Web Technologies: HTML, CSS, ReactJs, ExpressJs, NodeJs, NextJs

Software & Tools: AWS, Docker, Git, Postman, Figma

Experience

Maantic Inc.

Aug 2024 – Dec 2024

Technical Intern

- Developed and deployed a Random Forest model for **30-day hospital readmission** prediction with 77% accuracy after hyperparameter tuning.
- Created a web app using **React**, **MaterialUI**, **Tailwind CSS**, and **Flask** with JWT authentication.
- Built a 95% accurate XGBoost model for **diabetic patient readmission**, leveraging hyperparameter optimization.

Projects

StudyNotion | *React, NodeJS, MongoDB, ExpressJs* | *Webpage* | *GitHub*

Jun – Aug 2024

- Implemented secure **JWT-based** authentication with role-based access for Students, Instructors, and Admins.
- Enabled **course creation/editing** for instructors and **enrollment**, **material access**, and **progress** tracking for students.
- Built a data-driven dashboard for instructors to **track enrollments**, course performance, and **income**.

ConnecTalk | *React, NodeJS, MongoDB, ExpressJs, Socket.IO* | *Webpage* | *GitHub*

Sep – Oct 2024

- Built **real-time notifications** for friend requests, typing status, and file transfers, boosting user engagement by 25%.
- Implemented **group creation** and **management** for collaborative interactions.
- Designed an analytical dashboard for administrators to **manage users**, **groups**, and **platform** activities.
- Developed a robust search feature to **connect users** based on platform registration.

Achievements

Hackathon

- Hackathon Winner of **Hackvengers-2024** (college level).

Competitive Programming

- CodeChef **3-Star** (max rating: 1626). Profile.
- LeetCode **Max Rating: 1718**. Profile.

Interests

- Machine Learning
- Content Writing