

SUSOBHAN AKHULI

4th Year B.Tech.

Information Technology

Indian Institute of Engineering Science and Technology, Shibpur

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EDUCATION

- Indian Institute of Engineering Science and Technology, Shibpur** 2021-25
Bachelor of Technology in Information Technology CGPA: 8.67
- Ukhra Kunja Behari Institution - Senior Secondary** 2020
West Bengal Council of Higher Secondary Education, West Bengal Percentage: 96.2

INTERNSHIPS

- Research Intern, IIST Shibpur** May 2024 - Present
 - Analyzed **Heart Disease** dataset, applying **PCA** to extract insights through calculation, visualization, and **reconstruction error** calculation.
 - Currently conducting analytical study and developing a predictive model to forecast **patient readmission rates**.
- Technical Content Writer, GeeksforGeeks** Sep 2022 - March 2023
 - Authored **over 590** technical articles on DSA for GeeksforGeeks, resulting in increased site traffic. (**My Articles**)
 - Enhanced reader experience by reviewing and refining articles, incorporating code examples (in **C++**, **Java**, **Python** etc.) to illustrate complex concepts.

PROJECTS

- Crop Recommendation ML Project (Group Project)** (Source Code)
A machine learning model to recommend the most suitable crops for a particular farm. (Deployed URL)
 - Tools & technologies used: **Python3+Flask**, **HTML5+CSS3**, **JavaScript**.
 - Python3 for **model building** and Flask as **web-framework** to connect model with front-end.
- Full Stack Website** (Source Code)
A full-stack website for users to register/log in, purchase memberships and manage their profile pictures. (Deployed URL)
 - Tools & technologies used: **Next JS**, **Tailwind CSS**, **Node JS**, **Express JS**, **MongoDB**.
 - Used Next Js for front-end and Tailwind CSS for styling
 - Used Node JS, Express JS and MongoDB as backend

TECHNICAL SKILLS

LANGUAGES: C++, Java, Python, C, JavaScript, HTML5+CSS3.

FRAMEWORKS: Express JS, Bootstrap, Next JS, Tailwind CSS, Flask

DATABASES: MongoDB, MySQL.

OTHERS: VScode, Node JS, Git, Github.

COURSEWORK: Data Structure and Algorithm, Object Oriented Programming, Operating System, Database Management System, Computer Network

AREAS OF INTEREST: Web Design and Development, Machine Learning.

SOFT SKILLS: Problem Solving, Self-learning.

ACHIEVEMENTS

- Solved **over 800** problems on **GeeksforGeeks** and **Leetcode**.
- Current **Rank 1** in **GeeksforGeeks** in the whole institute as per overall coding score.
- 5 Star** - Gold in CPP in **HackerRank**.
- 4 Star** in **GFG Weekly Coding**.
- Current POTD streak is **over 850 days** in **GeeksforGeeks**.

CO-CURRICULAR ACTIVITY AND VOLUNTEER EXPERIENCES

- CodeIEST** - Coding Club of IEST Shibpur 2021 - Present
Member of CodeIEST coding club since 1st Year.
- English Curriculum Writer at Team Everest (NGO)** Jun 2023 - Jul 2023
Wrote small stories on Indian or world history and made questions and answers for students according to it.
- Writing Intern at Marpu Foundation (NGO)** Feb 2023 - Feb 2023
Worked as a writing intern in their social awareness wing.