



SOUMYASISH SARKAR

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Computer Science and Engineering

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EDUCATION

- Tezpur University, Assam** 2022 - 2026
Bachelor of Technology, Computer Science and Engineering CGPA : 7.94
- Jawahar Navodaya Vidyalaya Kottayam, Kerala** 2019 - 2021
CBSE Class XII, Science Percentage: 90%
- Jawahar Navodaya Vidyalaya North 24 Parganas, West Bengal** 2014 - 2019
CBSE Class VI - Class X Percentage: 88%

EXPERIENCE

- Pehchaan The Street School** Feb. 2025 - Present
Graphic Design Intern

PROJECTS

- Building your own user-level file system (Ongoing)**
Creating a user-level file system using the FUSE (Filesystem in Userspace) library.
 - This system allows users to interact with files and directories managed entirely by your application, without modifying the kernel code.
- IoT-enabled OLED Display using Arduino Cloud**
Developed a real-time text display system on an OLED screen using ESP32/NodeMCU and Arduino IoT Cloud for remote updates.
- Doraemon Rowing a Boat**
Computer Graphics Project on Doraemon rowing a boat in 3D.
 - Technologies Used: C++ , OpenGL
- AutoLog**
Chrome extension that automates the process of logging into a college (Tezpur University) internet portal.
 - Technologies Used: JavaScript, Chrome Extensions API, HTML, CSS, Manifest v3, DOM (Document Object Model) Manipulation
- e-Pedal**
Electrical Bicycle Rental Service.
- Shortest Path Finder**
Implementation Of Dijkstra Algorithm.
 - Technologies Used: HTML, CSS

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C , C++ , Python , 8086 Assembly Language

Operating Systems: Linux (Ubuntu), Windows

Developer Tools: VI Editor, Git, VS Code, CodeBlocks, TASM (8086 Assembler), SciLab, Canva, Excel, PowerPoint

Database: MySQL

Concepts: Data Structures and Algorithms, Object Oriented Programming, Operating System, Computer Architecture

Languages: **English:** Professional working proficiency

Bengali: Native or bilingual proficiency

Hindi: Professional working proficiency

POSITIONS OF RESPONSIBILITY

- Google Developer Groups - Design Team Core Member** 2024 - Present

ACHIEVEMENTS

- Google Cloud Arcade Event - Champions Milestone** Jan. 2024 - Jul. 2024
- JNVST Jawahar Navodaya Vidyalaya Selection Test** 2014
- NDST Navodaya Dakshana Selection Test** 2019
- Scout Rajya Puraskar** 2018