SOUMYASISH SARKAR

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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*