Swarnali Saha

I am a **B.Tech graduate** in **Computer Science and Engineering**. I enjoy **learning new skills, building user-friendly, responsive solutions,** and **contributing to meaningful work**. I'm a **quick learner** with a **creative mindset**, and I enjoy activities like **crafting, painting** that help me stay **focused** and **detail-oriented**.

Work Experience

Oct '24 ↑ Jul '24

Worked as Process Associate in Genpact India Private Limited
- **Handled** and **reviewed user data** for **policy** and **quality**, with regular **training** on **procedures**.

Publications

Feb '24 ↑ Mar '23

A CNN-Based Automated Approach for Confidence Analysis of Lecturers
- **Trained CNN model** using **TensorFlow** and **Keras** to detect **lecturer confidence**.

Jun '21 ↑ Jan '21

Published three book chapters on
- Botnet Technology and Defenses
- Neuro-Tourism: Collaboration of Neuro-Science with Tourism
- Round-Robin Scheduling Algorithm for CPU Scheduling

Projects

Present ↑ May '25

Portfolio Website
- A **digital portfolio** of my **work**, **skills**, and **design aesthetics**.

Jun '25

Live Weather Dashboard
- **Built** a **live weather dashboard** with **real-time API data** and **city-wise metrics**.

Jun '25

Banking Analytics Dashboard
- **Built Power BI dashboard** for **risk analytics** using **EDA**, **DAX**, and **key metrics**.

May '25

Local Language Translator
- **Created translation site** with **text/file input** and **downloadable output**.

Apr '25

HR Analytics Dashboard
- **Designed HR dashboard** in **Power BI** to analyze **attrition** with **DAX** insights.

Jun '24 ↑ Jul '23

EduCore – An educational website using Gemini API
- **Built educational site** with **Gemini AI**, featuring **chatbot** and **personalized learning**.

Contact

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- https://github.com/Swarnali-Saha

Education

B. Tech. in Computer Science and Engineering
(Oct '21 - Jun '24)
CGPA: 8.16 — Techno International New Town (MAKAUT)

Diploma in Computer Science and Technology
(Aug '18 - Sep '21)
OGPA: 8.4 — Kingston Polytechnic College (WBSCTE)

Technical Skills

- **Languages**
  PYTHON, HTML, CSS, C

- **Tools**
  Power BI, Power Query, Latex Overleaf, MS Office, VS Code

Personal Details

- **Date of Birth:** 10/01/2000

- **Languages:**
  English (Read, Write, Speak)
  Bengali (Read, Write, Speak)
  Hindi (Read, Speak)

- **Hobbies:**
  Paper Crafting, Painting, Singing

I declare that the above information is true and correct to the best of my knowledge, and I understand that any misrepresentation may lead to application rejection or termination.