SAYANTANEE SANTRA

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🔗 **Portfolio Link:** https://sayantanee-2310.github.io/Sayantanee_Web_Portfolio/
📍 **Location:** Kolkata, India

SKILLS

- Web Development
- JAVA (Swing)
- MySQL (DBMS)
- DSA
- Machine Learning (Python)
- Problem solving
- GIT

EXPERIENCE

Software Engineer entry-level software engineering position focusing on skill development in various technologies.

Intern on a Level 2 Steel Automation project focused on enhancing production data tracking and process visibility in a steel plant environment.

EDUCATION

GURU NANAK INSTITUTE OF TECHNOLOGY, KOLKATA
2022-2026

BTECH in COMPUTER SCIENCE AND ENGINEERING
8.5 (CGPA up-to 6TH semester)

TAKI HOUSE GOVERMRNT SPONSORED GIRLS' HIGH SCHOOL, KOLKATA

Higher Secondary Examination
80.60%

TAKI HOUSE GOVERMRNT SPONSORED GIRLS' HIGH SCHOOL, KOLKATA

Secondary Examination
85.42%

PROJECT WORKS

1. **Responsive Portfolio**

   Designed and developed a **responsive personal portfolio website** to showcase projects, skills, and experience.
   Implemented smooth **scroll-based animations**, interactive UI components, and clean, modern layout using **CSS**.
   Used **JavaScript** to add dynamic effects, interactive elements and smooth navigation.
   Ensured mobile responsiveness and cross-browser compatibility for optimal user experience.
   Deployed the website for public access and integrated contact forms and social links for outreach.

2. **ML project on Image Captioning Using Hybrid Model**

3. **Desktop-based CRUD application**

   Using **Java swing** integrated with a **MySQL** database for managing steel production records.
   Designed and implemented a user-friendly GUI with filters for date, shift, strand, and heat number; enabled interactive elements like clickable slab number cells for detailed data views.
   Handled **JDBC integration**, query optimization, exception handling.
   Gained exposure to manufacturing process automation, real-time data handling, and system-level software development within a production environment.

Date: 11.08.2025