SAIKAT BISWAS

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Professional Summary

- Proactive B.Tech student in ECE with hands-on experience in programming, circuit design and embedded systems, coding and website development, seeking to leverage technical skills in dynamic role.
- Skilled in problem-solving and analytical thinking, with strong communication, teamwork, and a passion for continuous learning and industry trends.
- My Hobbies Include Coding ,Building Wesbites ,Guitar, Music Production ,Bike Riding and Photography

Education

Meghnad Saha Institue of Technology, Kolkata	**2021 - 2025**

- ECE

Convent of Jesus and Mary, Ranaghat	**2018 - 2021**

- *ISC (Class XII)*

Convent of Jesus and Mary, Ranaghat	**2006 - 2018**

- *ICSE (Class X)*

Skills

Java | Python | Data Structure and Algorithm | JavaScript | HTML | CSS | React | Circuit and System Design

Projects

Portfolio Website
- I have built a responsive frontend website using HTML, CSS, and JavaScript to showcase my skills, projects, and achievements.
- It serves as a professional portfolio, providing a clear overview of my expertise and technical abilities.

Artist Personal Website
- A frontend website built with HTML, CSS, and JavaScript, designed for artists to showcase their work.
- It allows fans to sign up, book shows, and listen to the artist's music, providing an interactive and engaging experience.
- The platform enhances artist-fan interaction while offering a seamless and user-friendly interface.

Smart Voting System
- A ESP-32 based voting machine where three layers of security is present using RFID, fingerprint and password.
- It also shows live voting results on a web server.

Password-Based Railway Overhead Line Safety Lockout System
- Developed a **railway overhead line safety lockout system** using Arduino, enabling automated security features to protect maintenance personnel.
- The system is actively used by over 15 maintenance teams, ensuring safety and compliance with industry standards during servicing operations.
- It minimizes human error through secure authentication and real-time monitoring.

Academic and Extracurricular Achievements

**Industrial Training	4 weeks**	**5.08.2024 – 30.08.2024**

- Have done industrial training on Radio Communication and Transmission Systems of All India Radio.

Freelancing | Web developer
- Made a E-commerce website for my local client using wordpress and HTML,CSS,JS and help them made 15% profits using SEO.

Positions of Responsibility

**Sargam	Musical Club	(Guitarist and Admin)**	**July'22 - Present**

- Hosted Vocations (Music Fest)

**Megatronix	Tech Club	Core Member**	**July'23 - Present**

- Event coordinator at Tech-Xtra (the intra college tech fest)