

SAIKAT BISWAS

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Professional Summary

- Proactive B.Tech ECE student with practical experience in programming, circuit design, embedded systems, and web development. Eager to apply technical expertise and innovative problem-solving skills in a challenging and dynamic role.
- Demonstrates strong problem-solving and analytical skills, effective communication, and a collaborative mindset, with a commitment to continuous learning and keeping pace with evolving industry trends.
- I'm passionate about coding, web development, guitar, music production, biking, and photography.

Education

Meghnad Saha Institute of Technology, Kolkata <ul style="list-style-type: none">ECE	2021 - 2025
Convent of Jesus and Mary, Ranaghat <ul style="list-style-type: none">ISC (Class XII)	2018 - 2021
Convent of Jesus and Mary, Ranaghat <ul style="list-style-type: none">ICSE (Class X)	2006 - 2018

Skills

Java | Python | JavaScript | HTML | CSS | React | Circuit and System Design

Projects

Portfolio Website

REACT JS

- I have built a responsive frontend website using React JS to showcase my skills & projects
- It serves as a professional portfolio, providing a clear overview of my expertise and technical abilities.
- Link :- <https://devsaikatportfolio.vercel.app/>

Email Writer Powered by AI

HTML, CSS, JavaScript, Gemini AI Integration

- Built a fully responsive web application that generates professional emails using Gemini AI for natural language generation.
- Supports multiple use cases including **job applications**, **cold emails**, and **email replies** to HR or companies.
- Designed a clean UI with form fields for user inputs like recipient type, tone, and message context.
- Implemented real-time AI response handling and formatting using vanilla JavaScript for a seamless user experience.
- Helps users save time and improve email quality for professional communication.
- Link:- <https://aiemailcraft.vercel.app/>

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.
- Paper publication Link :- https://ijrar.org/viewfull.php?&p_id=IJRAR25B3167

Academic Achievements

Industrial Training 4 weeks	5.08.2024 – 30.08.2024
<ul style="list-style-type: none">Have done industrial training on Radio Communication and Transmission Systems of All India Radio.	

Extracurricular Achievements

Sargam Musical Club (Guitarist and Admin)	July'22 - Present
<ul style="list-style-type: none">Hosted Vocations (Music Fest)	
Megatronix Tech Club Core Member	July'23 - Present
<ul style="list-style-type: none">Event coordinator at Tech-Xtra (the intra college tech fest)	