

# SAYAN CHAKRABORTY

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🌐 [Linkedin](#)

🐙 [Github](#)

👤 [Hackerrank](#)

## EDUCATION

Modern Institute of Engineering and Technology

06 2019 – 05 2022

Diploma in Electrical Engineering - **CGPA - 8.00**

Bandel, WB, Ind

Gurunanak Institute of Technology

06 2022 – 06 2025

B-Tech in Information Technology - **CGPA - 8.00**

kolkata, WB, Ind

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Database Management System (DBMS)
- OOPS Concept
- Network Security
- Web Development

## TECHNICAL SKILLS

**Languages:** Java, C, HTML, CSS, JavaScript,

**Developer Tools:** VS Code, IntelliJ Idea Ultimate

**Technologies/Frameworks:** GitHub, NodeJS, ExpressJS, Mongo

## PROJECTS

plant care website [🔗](#) | [HTML](#), [CSS](#), [Java Script](#), [Mongo DB](#)

01 2025

- - \* Plants-care Website Using HTML, CSS and JavaScript.
  - \* Contains animations when scrolling.
  - \* Includes a dark and light mode.
  - \* Developed first with the Mobile First methodology, then for desktop.
  - \* Compatible with all mobile devices and with a beautiful and pleasant user interface.

Portfolio Website [🔗](#) | [HTML](#), [CSS](#), [Java Script](#), [Express Js](#), [Mongo DB](#)

12 2024

- - Professional Introduction – Showcases your name, bio, and expertise.
  - Projects & Work Samples – Displays past work with descriptions and links.
  - Skills & Experience – Highlights technical abilities and career achievements.
  - Contact Information – Provides a form or links for easy communication.
  - Responsive & User-Friendly Design – Ensures accessibility on all devices.

Weather App [🔗](#) | [HTML](#), [CSS](#), [Java Script](#), [Node Js](#)

10 2024

- - Real-Time Weather Updates – Displays current temperature, humidity, and conditions.
  - Forecast Reports – Provides daily and weekly weather predictions.
  - Location-Based Data – Uses GPS to show weather for your current or selected location.
  - User-Friendly Interface – Simple, visually appealing design for easy navigation.
  - Alerts & Notifications – Sends weather warnings for storms, rain, or extreme conditions.

## INTERNSHIP

goldman sachs [🔗](#)

12 2024 – 01 2025

Software Engineering

Remote

- 1. **Cracking passwords:** Reverse-engineering hashed passwords for unauthorized access.
  2. **Exploiting data:** Using cracked passwords for credential stuffing and identity theft.

skyscanner [🔗](#)

12 2024 – 01 2025

Front-End Software Engineering

Remote

- 1. **Design implementation** with HTML, CSS, and JavaScript.
  2. **Interactivity** with dynamic features and responsive design.
  3. **Optimizing performance** for speed and cross-browser compatibility.

## EXTRACURRICULAR

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IIT Kharagpur

01 2023 – 07 2025

Ethical Hacking

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- Cybersecurity Fundamentals – Learn about networks, threats, and security principles.
- Penetration Testing – Practice ethical hacking techniques to find vulnerabilities.
- Tools & Techniques – Use hacking tools like Metasploit, Wireshark, and Nmap.
- Legal & Ethical Aspects – Understand cybersecurity laws and responsible hacking practices.
- PARTICIPATION CERTIFICATE. [↗](#)

## CERTIFICATIONS

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- Java Script
- Java
- MongoDB Tutorial
- Cyber Security