

## Sayan Chatterjee

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## SKILLS

- **Languages:** C++, Java, SQL, Python, C
- **Frameworks:** NodeJS, React, HTML, CSS, Bootstrap, Spring Cloud
- **Tools/Platforms:** MySQL, MongoDB, Linux, WordPress, Postman
- **Soft Skills:** Adaptability, Communication, Sales Management, Team Leadership, Analytical Skills

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## EXPERIENCE

### Sales Manager

*One World (Freelance)*

Apr 2023 - Apr 2023

- Managed a small venture for three days, overseeing sales operations and public speaking.

### Web Developer

*Janvee Collection (Part-time)*

Feb 2022 - May 2022

- Developed and managed the company's website remotely.

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### Projects

- **HairDo Menacle - Barber Appointment Booking App:**

Hairdo Menacle is a comprehensive barber appointment booking application developed using Flutter, ensuring compatibility across multiple platforms including iOS, Android, and web. The app was designed to streamline the appointment scheduling process for barbers and clients alike, providing a seamless user experience with intuitive navigation and robust functionality. Users can easily browse available barbers, view their profiles, check availability, and book appointments directly through the app.

**Tech: Flutter , NodeJs, Firebase**

- **Home Automation IoT System:**

The Home Automation IoT System is an advanced solution designed to control and monitor electrical hardware throughout a home using ESP8266 and ESP32 controllers. The system leverages a variety of sensors to automate and optimize household operations, enhancing convenience and energy efficiency. Smart lights, for instance, can be controlled remotely, while sensors monitor water levels in tanks to prevent overflows. Temperature sensors maintain ambient room conditions by adjusting HVAC systems. Additionally, the system tracks electrical consumption for each node, providing valuable insights into energy usage and enabling homeowners to make informed decisions about their consumption patterns. This integration of sensors and controllers creates a cohesive and intelligent home environment, ensuring comfort, efficiency, and safety.

**Tech: Arduino , HTML & CSS, IOT, ESP32, ESP8266**

## CERTIFICATES

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- **Deploy Microservices using Spring Cloud Framework**  
Coursera Project Network  
Issued Jun 2024
- **The Complete Theory of Computation**  
Udemy  
Issued Nov 2023
- **Machine Learning**  
Acmegrade, Indian Institute of Technology, Bombay  
Issued Mar 2023
- **Foundations: Data, Data, Everywhere**  
Coursera  
Issued Oct 2021
- **CORE JAVA**  
Internshala  
Issued Aug 2021

## EDUCATION

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### **Lovely Professional University**

Bachelor of Technology - BTech, Computer Science  
May 2025

- Activities: Football
- Skills: Software Testing, Integration Testing

### **Lovely Professional University**

Diploma of Education, Computer Science  
2022