




Ayan Singha Roy Chowdhury

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Work Experience

Unified Mentor Private Limited

Full Stack Web Development Intern

Aug 2024 - Present

- Joined as a trainee to learn full stack technologies through lectures and contribute to real-life projects, gaining hands-on industry experience

Smart Bridge (In collaboration with Persistent & AICTE)

Salesforce Developer Virtual Internship

July 2024 – Aug 2024

- Completed an 8-week virtual internship focused on Salesforce development, including Apex programming, process automation, debugging, and Lightning Web Components (LWC).
- Worked on hands-on modules and earned Super badges like Apex Specialist and Developer Super Set, gained practical experience in building secure and scalable cloud applications on the Salesforce platform.

Skills

➤ Technical Skills:

- Coursework: Data Structures and Algorithm, Object Oriented Programming
- Programming Language: Core Java, C, C++, Apex (Basics), Python
- Development: HTML-5, CSS, JavaScript, SDLC, Agile Development(basics)
- Database: MySQL
- Libraries: NumPy (Basics), Pandas (Basics), Matplotlib (Basics)
- Version Control: GitHub

➤ Soft Skills:

- Communication
- Problem Solving
- Teamwork
- Adaptability

Education

ACADEMY OF TECHNOLOGY, MAKAUT

September 2021 – July 2025

Bachelor of Technology – Electronics & Communication Engineering, CGPA – 7.94

Class 12th Under WBCHSE Board (Percentage – 84%)

2019 - 2020

Projects

Library Management System using Spring

- Developing a RESTful Library Management API using Spring Boot, Spring Data JPA and H2/MySQL for backend operations.
- Implementing book lending/returning, user management, and CRUD endpoints with robust service and repository layering.

Customer Segmentation using Machine Learning (K-Means Clustering)

- Developed a machine learning model to segment customers based on demographics and purchasing behavior using K-Means.
- Identified distinct customer groups to enable targeted marketing and improve retention by focusing on high value segments.

Comprehensive Inventory Management System with Automated Stock Tracking

- Developed a Java-Swing inventory system using MySQL and JDBC for Admin/Employee roles.
- Implemented automated stock updates, sales/purchase tracking, search and user activity logging for efficient store management.

Certification

- **Wipro -TalentNext Certified Full Stack Java Developer**
- Certified in **Software Engineering & Agile Software Development** by **Infosys Wingspan**
- **UDEMY-The Complete 2024 Web Development Bootcamp**
- **UDEMY-JAVA Data Structures & Algorithm + LEETCODE Exercise**
- **SmartBridge Certified Salesforce Developer (trailhead learning)**

Hobbies: Playing Chess, listening to music, Reading Adventurous Stories, Playing Football