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 etc.
- 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: Java, C, C++
  - Development Tools: HTML-5, CSS, JavaScript(basics),SDLC
  - Database: MySQL
  - Libraries: NumPy, Matplotlib (Basics)
  - Framework & Tools: Spring,Git,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 (ongoing)

- 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.

✳ Certification

- **Wipro -TalentNext** : Full Stack Java Developer
- **UDEMY**: The Complete 2024 Web Development Bootcamp
- **Infosys-Wingspan:** Software Engineering & Agile Software Development
- **UDEMY:** JAVA Data Structures & Algorithm + LEETCODE Exercise Certification
- **Smart Bridge** in collaboration with **Persistent & AICTE**: Salesforce Developer (trailhead learning)

Hobbies: Playing Chess, listening to music, Playing Football, Solving Complex Problems