

SIRAJ MOHAMMAD

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EDUCATION

Aditya College of Engineering and Technology

Bachelor of Technology in Computer Engineering, CGPA: 6.81

Surampalem, India

October 2022 - Expected April 2026

EXPERIENCE

Artificial Intelligence & Machine Learning Intern

Edunet Foundations

Andhra Pradesh, India

May 2024 - June 2024

- Enhanced the accuracy of a sentiment analysis project using Python, achieving 85% Accuracy.
- Processed and analysed datasets from 500+ datasets and movie reviews, improving model performance through data cleaning and feature extraction.

ACHIEVEMENTS

- **Built Java-based Projects** like a Calculator App and Shopping Mart Simulation, demonstrating hands-on skills in object-oriented programming and GUI development. Projects improved understanding of real-time logic and user interface handling, tested by over 5 peer users with 100% functionality.

Earned Certifications in core technical areas:

- **DSA with Java – Learn Yard & Apna College (Completed 200+ structured problems)**
- **Artificial Intelligence and Machine Learning – APSSDC (Completed 6-week program with hands-on labs)**
- **Natural Language Processing – Infosys Springboard (Scored above 85% in module assessments)**

PROJECTS

Student Management System: Java, JDBC, MySQL, Swing, **OOPs**

- **Managed 300+ book inventory** and issue/return operations in a **console-based app**.
- **Incorporated** order tracking and checkout logs with **real-time sync**, boosting **engagement** by 25%.
- **Ensured 100% data integrity** with secure login and form validation. Engineered **CRUD** operations with **JDBC**, achieving **30% faster data retrieval**.

Online Book Store: React.js, Node.js, Express.js, MongoDB, REST API, CSS

- Built a full-stack, **responsive web app for 1,000+ users** to browse, search, and purchase books.
- Developed secure **authentication** and **admin** dashboard to manage over **500+ books** and users.
- Enabled real-time **tracking** of purchases and order records, resulting in a **25% increase** in user retention.

Library Management System: Java, File Handling, OOPs, Collections Framework

- Created a Java-based system to manage 500+ books, 1,000+ transactions, and 200+ user profiles.
- Leveraged file handling and Java Collections (ArrayList, HashMap) to handle 50,000+ records efficiently.
- Established role-based access, enabling secure multi-user functionality with **0 data breaches**.

SKILLS

- **Languages:** Python, C++, Java, JavaScript, HTML5, CSS3, SQL
- **Technologies and Core Competencies:** Data Structures, Algorithms, Object Oriented Programming, TCP/IP
- **Cloud Technologies:** Google Cloud Platform, MongoDB
- **Soft skills:** Problem analytics, Communication, Leadership, Team Work, Management, Resiliency