

MOHD SAMAD

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WORK EXPERIENCE

Software Development Intern – Elear Solutions

Aug 2024 – March 2025

- Developed and enhanced a **Python SDK** to interface with native C libraries, enabling seamless integration for external applications and reducing direct dependency on low-level code.
- Implemented **clean, modular APIs** and improved error handling and logging, making the SDK easier to use, debug, and maintain for client developers.
- Collaborated with senior engineers to **test, package, and document** the SDK, ensuring stable releases and smooth adoption across multiple projects.

PROJECTS

Project 1: Chat Application – Java, Spring Boot, Kafka

- Built a real-time chat application using **Spring Boot**, where messages are produced and consumed through **Kafka** to ensure reliable and asynchronous communication.
- Designed REST APIs for user messaging and conversation handling, focusing on **clean request flow and error handling**.
- Used Kafka topics to decouple services, which helped the system handle **multiple users chatting simultaneously without blocking**.

EDUCATION

B.Tech in Computer Science KG Reddy College of Engineering and Technology ,Hyderabad (CGPA:8.19)

SKILLS

Languages: Java, Python, C++,C

Web/Frameworks: Spring Boot,cfi(c foreign function interface)

Databases: MySQL Tools: Git, Docker, Kafka, Power BI

Extra-Curricular / Leaders

- Secretary, App & Web Development Club – Coordinated technical workshops, mentored peers in full-stack development, and managed team activities.