

# SYED NIDA MASARRATH

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## PROFESSIONAL SUMMARY

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Motivated Computer Science student with academic and project based exposure to software development, data engineering, and AI enabled applications. Experienced in building end to end systems involving backend services, real time communication, and data driven features. Familiar with scalable application development using modern programming languages and web frameworks. Seeking entry level roles in software development, data engineering, and AI driven domains.

## TECHNICAL SKILLS

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- Programming Languages: Java, Python, C
- Databases: MongoDB, SQL (Basic CRUD operations)
- Frontend: HTML, CSS, JavaScript, React.js
- Backend: Node.js, Express.js, Flask, Spring Boot
- Tools and Platforms: Git, GitHub, Linux (Basics), AWS (Basics)

## EDUCATION

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| <b>K L University</b> , Hyderabad, India               | 2023 – 2027 |
| B.Tech in Computer Science                             | CGPA: 9.88  |
| <b>Sri Chaitanya Junior College</b> , Hyderabad, India | 2021 – 2023 |
| Intermediate (MPC)                                     | CGPA: 9.57  |

## PROJECTS EXPERIENCE

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**Market Trap Detection (AI Assisted Whale Detection System)** Jan 2026 – Present  
Python, Machine Learning, NLP, LLMs (*Role:Machine Learning Developer*)

- Developed backend APIs for a whale detection system to identify large market transactions from historical data.
- Used NLP and LLM based techniques to analyze market news and text data for whale related signals.
- Designed the system flow with planned wallet tracking and order book analysis for deeper market insights.

**Cart Companion (E commerce Application)** Jul 2024 – Dec 2024  
Flask, MongoDB (*Role:Backend Developer, Team Size : 4*)

- Worked on building a collaborative shopping application with shared browsing and audio features.
- Gained hands on experience with Flask and MongoDB for handling user data and sessions.

**ConnectUs (Community Hub Platform)** Jan 2025 – Apr 2025  
MERN Stack (*Role:Full Stack Developer*)

- Developed a community focused web platform to support neighborhood interaction and safety features.
- Implemented SOS alerts, simple real time notifications, and structured data storage.

**Naru.to (Anime Streaming Platform)** Feb 2025 – May 2025  
React, Spring Boot, MongoDB (*Role:Full Stack Developer, Team : 3*)

- Built a full stack anime streaming platform using React and Spring Boot.
- Worked on backend integration and personalization features such as watchlists.

## CERTIFICATIONS

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- MongoDB Certified Developer (C100DEV) - MongoDB University
- DP 700: Microsoft Fabric Data Engineer Associate - Microsoft
- Building RAG Agents with LLMs - NVIDIA
- Rapid Application Development with Large Language Models - NVIDIA
- Building Agentic AI Applications with LLMs - NVIDIA
- Programming in Java - NPTEL (IIT Kharagpur)

## PUBLICATIONS

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- **Cart Companion: Bridging Traditional Shopping with Real Time Interaction** Apr 2025  
International Journal of Scientific and Engineering Research (IJSER)  
<https://www.ijser.in/archives/v13i4/SE25413211213.pdf>  
Proposed a collaborative social commerce platform and evaluated its impact through surveys and analysis.