ABBAS HUSSAIN

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Motivated and detail-oriented **Computer Science undergraduate (B.Tech, 2023–2027)** with strong foundations in **backend development, data structures, and AI/ML applications**. Proficient in **Java, Python, and Oracle SQL**, with hands-on experience in **MERN stack and data-driven solutions**. Demonstrates problem-solving ability through consistent DSA practice and hackathon participation. Adaptable, quick to learn, and passionate about building scalable and efficient systems through clean code and teamwork.

EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad

B.Tech in Computer Science and Engineering (2023 – 2027)

TECHNICAL SKILLS

- **Languages:** Java, Python, C
- **Web & Backend:** Node.js, Express.js, React.js, MongoDB, REST APIs
- **Database:** Oracle SQL (Relational Database Management)
- **Version Control:** Git, GitHub
- **Core Skills:** Problem Solving, OOP, DBMS
- **Tools:** VS Code, Postman, Render
- **Soft Skills:** Team Collaboration, Leadership, Adaptability, Communication

CERTIFICATIONS

- AWS Cloud Foundations - Credly Badge
- NPTEL Data Science for Engineers - NPTEL certificate

PROJECTS

1. WhatsApp Chat Analyzer – AI/ML Project (Ongoing)
   Developing an interactive ML-based dashboard to analyze WhatsApp chats for sentiment trends, user activity, keyword insights using NLP and visualization techniques.
2. Agri Connect – Smart Farming Assistance Platform
   Built a MERN stack web app to assist farmers with crop recommendations, weather updates, and market insights, featuring a community forum and multilingual knowledge hub optimized for mobile and low bandwidth.
3. Bus Route Management System using Oracle SQL and PL/SQL
   Developed a role-based database system to manage bus routes and schedules using procedures, triggers, and optimized relational design for efficient data handling.

ACTIVITIES

Participated in AI Hack Day 2025 – *Organized by Swecha.org*

NHETIS Hackathon 2025 – *In collaboration with AWS and IBM* - *Certificate of participation*

LANGUAGES   *English, Hindi*