

Jakka Manasa

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SUMMARY

Motivated and dedicated Computer Science student with a strong foundation in Full Stack Development, Cloud Computing, and Problem-Solving. Proficient in Python, Java, and JavaScript with experience in building scalable web applications. Passionate about leveraging technology to solve real-world problems.

SKILLS

Technical Skills:

- **Programming Languages:** Python, Java
- **Web Development:** HTML5, CSS3, Bootstrap
- **Databases:** SQL (MySQL, SQLite, MongoDB)
- **Cloud Computing & Deployment:** AWS, Cloud Platforms
- **Networking & Simulation:** Ns2 Simulation
- **Tools & IDEs:** Visual Studio Code

Soft Skills:

Presentation, Planning, Organized, Creative Problem-Solving, Teamwork, Active Listening, Adaptability, Analytical Thinking

PROJECTS

Track My Bus

[August 2024]

Developed a real-time bus tracking system, enabling drivers to update live locations and passengers to track routes & arrival times, improving transportation efficiency

Technologies Used: HTML & CSS, Express.js, MongoDB, React.js, WebSockets

Ambulance Tracking System

[January 2024]

Developed a working prototype of a vehicle tracker and completed frontend development using Android Studio using JAVA

Technologies Used: Java, Android Studio, Firebase

Statistical Analysis using Excel

[May 2024]

Performed statistical analysis on student performance datasets and MT cars dataset, comparing data insights.

Technologies Used: Excel, Data Analysis

CERTIFICATIONS

❖ Full Stack & Web Development:

- Build Your Own Responsive & Static Website [2024]
- Front-End Development with HTML5 & CSS3 (TASK,) [2023]
- Bootstrap Course Completion [2024]

❖ Programming & Databases:

- Database Programming with SQL [2024]
- Java Foundations [2023]
- Python Fundamentals [2023]

❖ Others:

- Ns2 Simulation [2024]

EDUCATION

HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT - JNTUH, India **2022-2026**

Bachelor of Technology Computer Science and Engineering, **CGPA: 9.2**

NARAYAN JUNIOR COLLEGE, India **2020 – 2022**

Intermediate, Maths, Physics, Chemistry, Percentage: 98.2

VISHAKHA HIGH SCHOOL -ARMOOR, India **2020**

High School, SSC , CGPA: 10

ACHIEVEMENTS

- **Selected as a Member of IUCEE**, a global engineering collaboration platform, and completed **Entrepreneurial Thinking Certification (2023)**
- Bronze badge in Problem Solving (Algorithms and Data Structures) on Hacker Rank

LANGUAGES

- ❖ English
- ❖ Telugu
- ❖ Hindi