

AMMATI VENKATESH

HYDERABAD

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Work Experience

1) J.P. Morgan Software Engineering Virtual Experience on Forage

- Set up a local dev environment by downloading the necessary files, tools and dependencies.
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chase's open-source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Education

CMR Engineering College

Hyderabad, India

B. tech in Computer Science (Data Science)

2021-2025

- CGPA: 7.0/10
- Currently pursuing 8th sem.

Projects

1) Full-Stack Chat Application.

- Developed a real-time chat app using **Socket.IO**, **Node.js**, and **React** with features like group chats and private messaging.
- Designed a responsive UI and implemented **JWT-based authentication** for secure user access
- Integrated **MongoDB** for storing messages and chat history.
- Enabled real-time updates for typing indicators and user online/offline statuses.

2) Real time device tracker

- Developed a Real-Time Device Tracker web application using JavaScript, Node.js, and Express.js.
- Utilized Socket.IO for real-time communication and dynamic map updates.
- Soft Skills: Time Management, Teamwork, Presentation skills, Report writing.

Technical Skills: EJS, java Script, Node JS, Mongo DB, jwt.

Soft Skills: Report writing, Logical Thinking, Critical Thinking.

Skills

Programming: C programming, python, DSA.

Web Development: HTML, CSS, JavaScript, NodeJS, ReactJS, ExpressJS, WebSockets, MongoDB.

Soft Skills: Time-Management, Teamwork, Problem-solving and leadership.

Certifications

- 1) **Smart Coder**, Competitive Coding, Data Structures and Algorithms and problem-solving skills, **Smart Interviews** (2023-2024).
- 2) The complete 2024 Web Development Bootcamp, **Udemy**

Achievements

Academic:

- Secured Top 3 in various coding contests conducted by Smart interviews.
- Participated in various college hackathons.