

ANDUGULE SAI PRASAD

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SUMMARY

Motivated Computer Science (Data Science) student with hands-on experience in **full stack web development** using the **MERN stack, JavaScript, and C++**. Skilled in solving **DSA problems** and applying analytical thinking to **build scalable, real-world applications**.

SKILLS

- **Programming Languages:** JavaScript, C++, SQL
- **Full-Stack Development:** HTML, CSS, Java Script AND MERN Stack
- **Cloud and Tools:** Git/GitHub, Vercel, AWS
- **Data Structure & Algorithm:** Problem-solving using DSA, Time and Space complexity Analysis

EDUCATION

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|--|--------------------|
| • B.Tech-Computer Science & Engineering (Data Science) | CGPA:8.6/10 |
| • Hyderabad Institute Of Technology AND Management, Hyderabad, Telangana | |
| • Expected Graduation: June 2028 | |

EXPERIENCE

Adobe India Hackathon:

- Collaborated in a team to design and develop a solution for real-world problem statements provided by Adobe
- Applied problem-solving, system design, and coding skills under time constraints
- Gained exposure to industry-level expectations, workflows, and innovation practices

Hack Your Path 6.0 – College Hackathon:

- Designed a solution focused on creating awareness about online gambling and its psychological, financial, and social impacts
- Proposed features such as risk awareness, responsible usage guidance, and preventive education mechanisms
- Collaborated with team members to ideate, analyze the problem, and present a structured solution within a limited time frame

PROJECTS

Cloud-Based Stock Trading Simulation:

- Developed a stock trading simulation platform allowing users to place mock trades and track portfolio performance.
- Deployed the application on AWS with scalable backend services and secure REST APIs.
- Implemented real-time data handling and optimized database operations for performance.

Real-Time Video Conferencing System :

- Built a web-based video conferencing application using WebRTC for real-time audio/video communication.
- Integrated WebSockets for live signaling, chat, and session management.
- Ensured low latency and seamless multi-user communication.

AI-Powered Conversational Application:

- Designed an AI chatbot by integrating OpenAI APIs for intelligent and contextual responses.
- Handled user queries through REST APIs with effective prompt management.
- Built a responsive UI to deliver smooth conversational interactions.

ACHIEVEMENTS

- selected and participated in multiple college -level hackathons(Hack your path 6.0)
- solved **300+ Data Structure & Algorithms** problems on LeetCode