

NANAVENI DEEPAK

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OBJECTIVE

Driven computer science undergrad eager to apply strong programming and problem-solving skills in a beginner software engineering role. Seeking to contribute to innovative projects and help deliver impactful software solutions while continuously learning. Committed, adaptive, and ready to tackle real-world challenges in a collaborative team environment.

EDUCATION

- Malla Reddy Engineering College** 2023 - 2026 (Expected)
B Tech - Computer Science Engineering | GPA: 8.84/10.00 Hyderabad, Telangana
- Govt Polytechnic, Husnabad** 2020 - 2023
Electrical and Electronics Engineering | GPA: 9.00/10.00 Hyderabad, Telangana

PROJECTS

1. ConnectLive - Real Time Video Communication Platform

Developed a full-stack video conferencing platform enabling real-time video, audio, and chat through WebRTC and Socket.IO.

- Implemented secure authentication, dynamic room creation, and efficient peer-to-peer signaling for seamless communication.
- Designed a responsive React UI with real-time state updates, achieving **95% connection reliability** and low-latency performance.
- Tools & Tech:** Node.js, Express.js, MongoDB, Socket.IO, React, WebRTC

2. StaySphere – Property Rental Platform

Built a scalable Airbnb-like property rental platform with real-time booking and user management.

- Developed a property rental system with **10+ dynamic routes**, secure authentication, and real-time booking achieving **95% accuracy** while reducing search time by **40% through optimized queries**.
- Implemented responsive CRUD operations for listings and user management with MongoDB and EJS-based dynamic UI.
- Tools & technologies used:** Node.js, Express, MongoDB, EJS, Bootstrap.

SKILLS

- Programming Languages :** C, Java, Python, Javascript, SQL
- Front-end Development :** HTML, CSS, React.js
- Backend-end Development :** Node.js, Express.js
- Database Programming :** MySQL, MongoDB
- Dev Tools & Platforms :** Git, GitHub, VS Code, Postman

CERTIFICATIONS

- DSA with Java (Apna College)
- Full Stack Web Development (Apna College)
- NPTEL - Operating systems

ACHIEVEMENTS

- Participated in Vishesh – Inter-College Project Expo
Held on 12–13 October 2023 | Presented Lost & Found Web Platform
- District Inter-College Sports Competition - Secured 2nd Position (2022, 2023)