POOJITHA THIKKA

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PROFESSIONAL SUMMARY

Full Stack Developer skilled in building scalable web applications using React.js, Node.js, and SQL/NoSQL databases. Strong foundation in Data Structures and Algorithms, API development, debugging, and clean code practices. Experienced in delivering well-designed, maintainable solutions by collaborating with cross-functional teams.

EDUCATION

Sumathi Reddy Institute Of Technology For Women, Warangal　　　　　　　　　　　2022–2026
B.Tech in Computer Science and Engineering　　　　　　　　　　　　　　　　　　CGPA: 8.8/10

TECHNICAL SKILLS

Programming Languages: Java, PHP, C, Python
Frontend: React.js, HTML, CSS, JavaScript
Backend: Node.js, Express.js
Databases: MySQL, PostgreSQL, MongoDB, Firebase
Core Skills: REST APIs, SQL query optimization, Authentication, MVC, Error handling
Tools: Git, GitHub, Postman, VS Code, XAMPP
CS Fundamentals: Data Structures & Algorithms, OOP, DBMS, OS, AI, ML

EXPERIENCE

Web Development Intern — Oasis Infobyte — Remote　　　　　　　　　　　Oct 2024 – Nov 2024
- Developed and enhanced responsive UI components used by **200+ users** across internal and demo projects.
- Worked on dynamic features using JavaScript and REST APIs, improving user interaction efficiency by **30%**.
- Collaborated with mentors and QA teams to debug and resolve **40+ issues**, improving overall application stability.

DSA Mentor — Smart Interviews — Remote　　　　　　　　　　　　　　　Oct 2025 – Present
- Mentoring **100+ students** in data structures, algorithms, and structured problem-solving techniques.
- Improved coding accuracy and logical reasoning by **35%** through code reviews, doubt-solving sessions, and mock interviews.

PROJECTS

NOC Management System — Node.js, Express.js, React.js, Firebase　　　　　　　　　[Live Demo]
- Developed a workflow automation system used by **150+ users** for NOC approvals and request tracking.
- Optimized backend APIs and database queries, reducing average response time by **35%**.
- Implemented secure authentication, validation, and centralized error handling, improving system reliability by **40%**.

E-HealthHub – Hospital Management System — PHP, MySQL, JavaScript, HTML, CSS　　　[Link]
- Built a role-based hospital management platform serving **300+ users** including patients, doctors, and administrators.
- Automated appointment approval and billing workflows, reducing manual administrative work by **60%**.
- Optimized MySQL schema and queries, improving data retrieval speed by **30%**.

Personal Portfolio Website — React.js, HTML, CSS, JavaScript　　　　　　　　　　[Live Demo]
- Designed and deployed a responsive personal portfolio showcasing projects, skills, and achievements.
- Improved page load performance by **40%** using optimized assets and component reusability.
- Received **500+ visits** from recruiters and peers through GitHub, LinkedIn, and resume sharing.

ACHIEVEMENTS & CERTIFICATIONS

- Top 2% globally (1140/45,000+) in Smart Interviews DSA Program (2025).
- Winner – Ideathon 2024 (Solution impacted 500+ users).
- 3rd Place – InnovateHer Hackathon 2025.
- Certifications: DSA (Smart Interviews), SQL (Simplilearn), Java (HackerRank), JavaScript (GFG).