Pujari Pavan Sai

Full Stack Developer

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Professional Summary

Results-oriented Full Stack Developer with a strong academic background and hands-on experience in building scalable web applications and deriving actionable insights from data. Proficient in leveraging cutting-edge technologies to deliver robust solutions, with a passion for continuous learning and problem-solving in dynamic environments.

Education

B.Tech, Computer Science & Engineering   '22 - '26

Indian Institute of Information Technology Tiruchirappalli   Tiruchirappalli

CGPA: 7.72

Intermediate (Class XII, MPC Stream)   '20 - '22

Bhashyam Junior College   Guntur

Internship Experience

Intern - Web Development   '25 - '25

Blend Vidya Edutech

- Played a key role in the creation and upkeep of educational web applications.
- Worked collaboratively with a cross-functional team to successfully implement new features and troubleshoot bugs, resulting in enhanced user experience.
- Gained practical experience in React.js, Node.js, and modern web development workflows.

Technical Skills

C, C++, Python, React.js, HTML, CSS, JavaScript, Node.js, Express.js, RESTful APIs, MySQL, SQLite, NumPy, Pandas

Projects

Full Stack Web Application

Learning Management System (LMS)

Tech Stack: React.js (frontend), Node.js, SQLite, JWT, bcrypt
- Developed a secure multi-role user system catering to Student, Instructor, and Admin roles, each with customized dashboards.
- Designed and implemented modules for course management, assignments, quizzes, and grading workflows.
- Integrated real-time chat and discussion forums to enhance user collaboration.

Web Application

RESTful API with UI

Tech Stack: React.js, RESTful APIs
- Built a responsive React.js frontend with seamless API integration.
- Implemented modern UI/UX practices for enhanced user experience.
- Utilized programming skills to fetch and display dynamic data from various external APIs.

Full Stack Web Application   '25 - Present

Blood donation Alert System

Tech Stack: React, Node.js, MongoDB , JWT, bcrypt, css
- Developed secure multi-role user system (Hospital/Donor) with real-time dashboards and geolocation-based matching.
- Implemented intelligent blood type compatibility algorithm and Socket.IO for instant donor notifications.
- Built interactive mapping system with heat visualization and 50km radius donor search capabilities.
- Integrated WhatsApp alerts via Twilio API and blood swap coordination between hospitals.