

MAJJI DURGA PRASAD

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PROFILE SUMMARY

Results-driven **Front-End Developer** with hands-on experience in building scalable and responsive web applications using **React.js, TypeScript, and modern JavaScript (ES6+)**. Skilled in implementing state management solutions (**Redux, Zustand, Redux-Saga**) to ensure data consistency and seamless user experiences. Proficient in integrating **RESTful APIs**, optimizing application performance, and writing clean, maintainable code. Experienced in working with **UI frameworks** (Material UI, Tailwind CSS, Bootstrap) and **Next.js** for server-side rendering and static site generation. Adept at conducting **unit and integration testing** using Playwright and Jest, with a focus on maintaining code quality via SonarQube. Strong collaborator with cross-functional teams, committed to delivering high-quality solutions while staying up-to-date with the latest trends in front-end development.

EDUCATION

Avanthi Institute of Engineering And Technology, Tagarapuvalasa 2021 - 2025
B. Tech (Computer Science and Engineering - DS) CGPA: 7.7/10

INTERNSHIPS

Machine Learning Intern, Indian Servers | Vijayawada, Andhra Pradesh JUNE-AUG, 2023

- Learned and applied Natural Language Processing (NLP) fundamentals.
- Fine-tuned transformer models such as GPT and BERT using Hugging Face, OpenAI APIs, and QLoRA

Web Developer Intern, Yhills | Noida, Uttar Pradesh AUG-SEP, 2023

- Completed a Web Development internship at Y-Hills, gaining hands-on experience in building responsive web pages using HTML, CSS, and JavaScript

PROJECTS

Smart Blood Bank Management System | MongoDB, Express.js, React, Node.js

- The system allows users to search for nearby donors and blood banks online in real time without any cost
- Developed a full-stack web application that reduced donor-search time by 70% using real-time geolocation and blood type matching
- It helps bridge the gap between blood donors and recipients through a user-friendly and efficient platform.
- Implemented features like donor registration, blood request forms, and live availability tracking to
- Designed and developed a full-stack MERN web application to manage blood donation, inventory, and requests efficiently.
- The system allows users to search for nearby donors and blood banks online in real time without any cost

TECHNICAL SKILLS

- **Programming Languages:** Python
- **Frontend Technologies:** HTML, CSS, JavaScript, React Js, Redux
- **Frameworks:** Bootstrap, Django
- **Database:** MYSQL, MongoDB
- **Developer Tool:** VS Code, Git, GitHub, AWS

SOFT SKILLS

- Flexibility
- Problem-solving
- Adaptability
- Communication

CERTIFICATIONS

- **HTML, CSS, JavaScript** – Professional Certificate by IBM
- **Python Programming** – Professional Certificate by Elewayte
- **Data Science Using Python** – Professional Certificate by Brainovision
- **AWS (Amazon Web Services)** – Professional Certificate by APSSDC
- **Game Design Using Unity** – Professional Certificate by APSSDC