

NAGARUTHWIK MERUGU

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PROFESSIONAL SUMMARY

Frontend-focused MERN-Stack developer with hands-on experience building responsive, high-performance web applications using React.js, Tailwind CSS, Framer Motion, and GSAP. Delivered 4+ real-world projects across healthcare and e-commerce, with measurable results like 60% reduction in manual tasks and 40% efficiency gains. Passionate about interactive UI/UX design, component architecture, and scalable web solutions.

TECHNICAL SKILLS

Frontend: React.js, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3, Bootstrap, GSAP, Framer Motion

Backend: Node.js, Express.js, Spring Boot (Basics)

Database: MongoDB, MySQL

Tools & Platforms: Git, GitHub, Postman, Firebase, Vercel, Netlify, AWS (Basics)

Others: REST APIs, Version Control, Agile, Responsive Design

WORK EXPERIENCE

Frontend Developer Intern

Unified Mentor Pvt Ltd | May 2025 – Aug 2025(Present)

- Developed and deployed 6+ full-stack apps using the MERN stack and Firebase
- Reduced manual appointment scheduling by 60% with dynamic booking engine
- Improved mobile responsiveness by 35% using Tailwind, GSAP, and Framer Motion
- Participated in Agile sprints and collaborated with cross-functional teams

PROJECTS

Hospital OT Scheduler (MERN Stack) | Jul 2024 – Aug 2024

- Built a surgical scheduling tool with conflict detection and slot optimization
- Improved planning efficiency by 40% through time-slot algorithm logic
- Used GSAP and Framer Motion to enhance interactivity

E-Commerce Platform (MERN Stack) | Sept 2024 – Dec 2024

- Designed a scalable marketplace with inventory management and secure checkout
- Optimized checkout UX, reducing cart abandonment by 15%
- Handled 200+ test users and deployed via Vercel

Hostel Management System (React + Spring Boot + MySQL) | Jan 2025 – Feb 2025

- Built multi-role portal for room booking and food estimation through admin dashboard
- Reduced food waste by 25% with predictive logic
- Enabled real-time admin controls and notifications

Teacher-Student Appointment System (MERN Stack) | May 2025 – Jun 2025

- Automated role-specific scheduling across departments with admin dashboard
 - Reduced coordination overhead by 60% with real-time status and admin flow
 - Responsive UI using Tailwind CSS
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EDUCATION

B.Tech in Computer Science & Engineering | Malla Reddy University | 2022 – 2026

CGPA: 8.0/10

Intermediate (Math, Physics, Chemistry) | Vidhwan Junior College | 2020 – 2022

Percentage: 80.05%

CERTIFICATIONS

- Java (Coursera)
 - Python (Coursera)
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LANGUAGES

English (Fluent) | Hindi (Fluent) | Telugu (Native) | Japanese (Basic)

ADDITIONAL INFORMATION

Date of Birth: 16 Feb 2004

Nationality: Indian

Visa Status: Willing to relocate