Vinay Surisetty

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Professional Summary

Full-stack MERN Developer with 2+ years of experience delivering scalable, high-performance web applications. Skilled in REST APIs, real-time systems (WebSocket), and data visualization (Chart.js). Proven track record of building responsive UIs (React/MUI) and optimizing MongoDB/MySQL databases, improving performance by up to 40%.

Technical Skills

Languages: JavaScript, TypeScript, Python, SQL, HTML, CSS
Frontend: React.js, Next.js, Redux, Tailwind CSS, MUI, Mantine, SCSS
Backend: Node.js, Express.js, REST API Development, Authentication (JWT), Microservices
Databases: MongoDB, MySQL, PostgreSQL
Tools & Libraries: Git, Firebase, Chart.js, PDFKit

Experience

Software Engineer, Swashodhan Trust, Hyderabad — May 2025 – Present
- Built and deployed the Trust's official website using Wix Studio + JavaScript, improving accessibility and stakeholder engagement.
- Customized OpenEMR 7.0.3 for telemedicine workflows tailored to Indian healthcare practices.
- Enabled multilingual support and streamlined patient workflows, boosting adoption across rural communities.

MERN Full Stack Developer, Snowa Technologies Pvt. Ltd. — Jun 2023 – Feb 2025
- Developed responsive web pages with React.js, Material-UI, and Redux, boosting user engagement by 30%.
- Built RESTful APIs using Node.js and Express.js, reducing data retrieval time by 25%.
- Optimized MongoDB queries, cutting response time by 20%.
- Improved cross-browser compatibility, reducing page load time by 15%.

Key Projects

Swashodhan Trust Official Website — Live Website
Tech: Wix Studio, Velo (Corvid) JavaScript, CMS Collections
- Designed and deployed the NGO's official website, covering digital education, telemedicine, and ICT centers.
- Implemented CMS-driven dynamic data, custom JavaScript, and secure donations.
- Delivered SEO-optimized, multilingual, responsive layouts for rural and global accessibility.

Clinical Trial System — GitHub
Tech: React.js, Mantine, Redux, Node.js, MongoDB, PDFKit
- Designed drawer-based UI (CRUD for 1000+ entries) with PDF report generation.
- Reduced manual work by 50% through automated PDFKit workflows.

Realtime Chat App — GitHub
Tech: React.js, WebSocket, MongoDB, JWT, Redux, MUI
- Enabled real-time messaging for 200+ users with 90% reduced unauthorized access.
- Improved form performance by 35% through Redux optimization.

Education

Institution	CGPA	Years
MVR Degree College, B.Sc (MPC), Gajuwaka, VSP	CGPA: 7.85/10	2019 – 2022
Sri Chaitanya College, Intermediate, Anakapalli, VSP	CGPA: 8.82/10	2017 – 2019
Adams High School, SSC, Chodavaram, VSP	CGPA: 9.2/10	2017