

Hari Mounika Yellapragada

Senior Full Stack Developer

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with **about 7 years of experience** building high-impact, scalable web applications with a **frontend-first mindset**. Deep expertise in **React, TypeScript, Tailwind CSS**, and modern component architecture. Skilled in designing and consuming **RESTful and GraphQL APIs** using **Node.js and Express**, and experienced with **PostgreSQL and MongoDB** for backend persistence. A proactive team contributor with a startup mindset, focused on crafting intuitive UI/UX, optimizing performance, and mentoring developers to elevate team velocity and code quality.

TECHNICAL SKILLS

- **Frontend:** React, TypeScript, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express, REST APIs, GraphQL
- **Databases:** PostgreSQL, MongoDB
- **CI/CD & Deployment:** GitHub Actions, Vercel, AWS (basic)
- **Performance Optimization:** Lazy Loading, Code Splitting, Webpack, Babel, SSR, SEO Optimization
- **Testing:** Jest, Cypress (basic), React Testing Library
- **State Management:** ReactJS (Hooks, Context API, Redux)
- **Other:** Sprint Planning, Code Reviews, Mentorship, Scrum

IMPACT HIGHLIGHTS

- Delivered 5+ scalable full stack projects with modern stacks (React, TypeScript, Node.js, PostgreSQL)
- Improved frontend performance by 35% through SSR and optimized styling with Tailwind CSS
- Reduced deployment issues by 40% by streamlining CI/CD pipelines with GitHub Actions
- Migrated 3 major applications from REST to GraphQL, reducing over-fetching and improving maintainability
- Consistently mentored team members, fostering knowledge-sharing and improved code quality

EDUCATION

- **Bachelor of Technology in Electronics and Communication Engineering**
Jawaharlal Nehru Technological University (JNTU), 2018 – **73.4%**

CERTIFICATIONS & ACHIEVEMENTS

- **Machine Learning for Data Science and Analytics** – EdX
- **OAuth Authorization with Azure AD** – Enhanced application security and user authentication.
- **Client and Team Lead Appreciation** – Recognized for developing the Excel Utility tool.
- **Performance Award** – Acknowledged for outstanding contributions in SGVID Application.

PROFESSIONAL EXPERIENCE

Freelance Frontend Developer | React & Next.js Applications

Remote | Sep 2024 – Present

- Designed and built **scalable web applications** for clients using **React** and **Next.js**, focusing on performance and modular architecture.
- Developed **custom UI components** with **Tailwind CSS** and integrated **REST APIs** for real-time data synchronization.
- Conducted **Proof of Concepts (POC)** to validate innovative UI designs and AI-driven solutions.
- Deployed applications on **Vercel** and optimized build pipelines for seamless CI/CD.
- Technology Stack: React, Next.js, TypeScript, Tailwind CSS, REST APIs, Vercel

Wipro | Project Engineer

Hyderabad, India | Oct 2021 – July 2024

Customer Product Information (CPI) Project

- Led the **frontend architecture** for scalable digital products using **React and Java**, enhancing code

maintainability and reducing technical debt by **20%**.

- Translated **complex UI/UX designs** from Figma into pixel-perfect, responsive interfaces with cross-browser compatibility.
- Developed and maintained **modular, reusable component libraries** that accelerated development for multiple projects.
- Conducted **discovery and ideation workshops**, contributing a technical lens to product concepts and validating technical feasibility.
- Implemented **lazy loading**, **code splitting**, and **SSR** strategies, optimizing load times and improving performance by **30%**.
- Integrated **REST APIs** and **GraphQL endpoints** to deliver real-time data synchronization with seamless user experience.
- **Technology Stack:** React, TypeScript, Next.js, REST APIs, GraphQL, Jest, Redux, Figma, C#

EMS Clinical Care Management Project

- Architected **React-based component libraries** for consistent UI across modules, ensuring scalability and reusability.
- Worked closely with designers and product managers to iterate on user flows and validate feature feasibility during MVP stages.
- Led **unit and integration testing** using **Jest** and **React Testing Library**, achieving **95% test coverage**.
- Optimized UI components for **accessibility (WCAG standards)** and **cross-browser compatibility**.
- **Technology Stack:** React, TypeScript, SCSS, Storybook, REST APIs, C#

Cyient | Software Developer

Hyderabad, India | Sep 2018 – Oct 2021

OPEST Strategic Cost Management Tool

- Designed and developed **responsive web applications** using **React and SCSS**, enhancing usability and visual consistency.
- Integrated third-party **REST APIs** for financial data, boosting processing efficiency by **30%**.
- Participated in **sprint planning, standups, and retrospectives** to drive Agile development cycles.
- **Technology Stack:** React, SCSS, REST APIs

SGVID Web Application

- Architected UI components for document repositories, ensuring seamless interaction and efficient data flow.
- Conducted **performance optimizations** that reduced load times by **15%**.
- Integrated **cross-browser testing** for consistent user experiences across major platforms.
- **Technology Stack:** React, HTML5, CSS3

PROJECT HIGHLIGHTS

- **Headless CMS Frontend** – Built a high-performance UI in React + Tailwind that fetched data via GraphQL from a decoupled CMS; reduced API response times by 30%.
- **Startup Dashboard** – Developed and deployed a startup analytics dashboard on **Vercel** using Next.js, Express, and PostgreSQL.
- **Reusable Design System** – Led the development of a component library using React + Tailwind, adopted across 3 teams.
- **Mentorship** – Trained and mentored 5+ junior developers on clean code practices, TypeScript usage, and debugging techniques.