

Nancy Kumari Terapalli

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Profile Summary

Results-driven **Front-End Web Developer** with **3+ years of experience** specializing in **React.js**. Skilled in **Redux, JavaScript, Material-UI and Bootstrap** to building dynamic and scalable web applications. Experienced in integrating **UI-Level AI Features** such as auto-suggest, chat UI and smart search using backend APIs. Strong expertise in creating responsive interfaces, data-driven dashboards, and reusable UI components across **government, insurance, and telecom applications**, with a focus on performance, usability, intuitive user interaction, clean code practices, and effective data visualization using tools like Recharts and Highcharts.

Technical Skills

- **Frontend Technologies:** React.js (with Hooks), Redux, Material-UI, Bootstrap, HTML5, CSS3
 - **Programming Languages:** JavaScript
 - **Tool & Platform:** Git, GitHub, Visual Studio Code
 - **Cloud:** Microsoft Azure
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Professional Experience

Tata Consultancy Services | Hyderabad

November 2021 - October 2025

System Engineer

Key Projects & Contributions:

- Developed and optimized responsive UIs using **React.js, Redux, Bootstrap, and Material-UI** across multiple domains.
- Integrated **AI-based UI features** such as auto-suggest, auto-complete, and chat UI by consuming backend APIs
- Designed and implemented **interactive dashboards** using Recharts, customizing visualizations based on client requirements.
- Contributed to product innovation by showcasing modern **UI/UX improvements and AI-enabled UI demos** during client interactions
- Integrated frontend modules with RESTful APIs to ensure seamless data flow, scalability, and enhanced user experience.
- Built and maintained reusable React components, focusing on performance, modularity, and clean code practices.

- Developed and managed multiple modules including forms, reports, dashboards, approvals, and user management.

Projects Across Industries:

- **Government Portals** --Built large-scale, responsive UIs and optimized frontend performance for high-traffic applications. Utilized **React.js**, **Material-UI**, and **Bootstrap** for building responsive and accessible interfaces.
- **Insurance** – Developed user-friendly interfaces, chat UI screens, and interactive dashboards by consuming backend APIs using **React.js**, **Redux**, and **Material-UI**
- **Telecom** – Created customer-facing React modules and integrated business intelligence dashboards for better data visibility using **React.js** and **Material-UI**.
- **Food and beverage Industry** -- Delivered UI enhancements, improved user experience, and customized components based on client needs using **React.js**, **Material-UI**.

Certifications

- **Google Cloud Associate Cloud Engineer**
- **React.js** (TCS Internal Certification)

Key Achievements

- **Optimized Dashboard Development**
Reduced dashboard development time by 30% by building reusable chart components and integrating Recharts visuals efficiently.
- **Enhanced User Engagement**
Improved user interaction and UI responsiveness across modules, resulting in a 25% increase in overall user engagement.
- **Developed User Interfaces**
Built responsive and accessible UIs used by over 5 million users nationwide, ensuring smooth performance across all devices.
- **Successful Feature Demonstrations**
Presented modern UI/UX improvements and interactive prototypes to clients, contributing to an 80% success rate in onboarding new frontend features.

Education

Vignan's Institute of Engineering for Women, Visakhapatnam, AP. (2017-2021)

Bachelor of Technology | CGPA - 7.35