

Charan Teja Yandrapati

FULL STACK WEB APPLICATION DEVELOPER

Contact Info

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Professional Summary

Passionate Web Application Developer with expertise in building responsive, high-performance, and visually captivating modern web applications using React, TypeScript, TanStack, and modern design systems.

Experience

Cognizant, Tech Lead, Bangalore

March 2026 – Present

- Architected scalable frontend solutions for an enterprise AI Automation Platform integrated with ServiceNow, streamlining ITSM incident resolution.
- Engineered high-performance web applications using React, TypeScript, and the TanStack Ecosystem (Query, Table, Router).
- Optimized enterprise data grids and SLA dashboards with TanStack Table, implementing virtualization, multi-column filtering, and pagination.
- Implemented asynchronous data caching, background polling, and optimistic UI mutations using TanStack Query for real-time ticket state management.
- Enforced code quality through technical code reviews, strict ESLint rules, SonarQube static analysis, Vitest unit testing.

Hinduja Tech Limited, Software Developer, Chennai

July 2025 – March 2026

- Developed a real-time Vehicle Metrics Application for IoT fleet management, monitoring telematics, GPS location, and battery diagnostics.
- Integrated RESTful APIs and WebSockets with React Google Maps and Recharts to deliver live telemetry visual dashboards.
- Optimized application responsiveness and cross-device performance utilizing React Context, Redux, and TanStack Table/Query.
- Established automated testing and static code analysis standards using ESLint, SonarQube, and Jest within Agile/Scrum sprints.

Infosys, Senior Systems Associate, Chennai

May 2022 – July 2025

- Engineered scalable microservices using Node.js, Express.js, and MongoDB, developing secure RESTful APIs for enterprise integration.
- Implemented enterprise identity management and authentication workflows using Azure AD OAuth 2.0 / Entra ID and SSO.
- Built responsive UI features in React.js with Redux and Context API for modular state management and seamless user experiences.
- Streamlined automated CI/CD deployment pipelines using Jenkins and Azure DevOps to ensure rapid and reliable production rollouts.

More Projects

Safe Keep JS - Secure Vault Storage

2025

Safe Keep JS is a secure password and data management system built to help users store sensitive information such as passwords, card details, wallet credentials, and personal notes. The system uses modern encryption techniques to ensure data privacy.

Case Study: <https://www.charanteja.com/work/safekeep-js>

A fully responsive, accessible, and dynamic portfolio website built for the Good Will Foundation at Osmania Medical College. Created as a non-profit initiative to showcase the organization's mission, supporters, activities, and donation efforts.
Case Study: <https://www.charanteja.com/work/good-will-foundation-omc>

TypeORM Query Utils - Dynamic Utilities for TypeORM Repositories

2024

TypeORM Query Utils is a lightweight, production-ready NPM package offering dynamic query-building utilities for TypeORM repositories, including dynamic filtering, sorting.
Case Study: <https://www.charanteja.com/work/typeorm-query-utils>

Form-filling Entry Automation Bot — UiPath RPA Automation

2022

This UiPath RE Framework-based bot automates a high-volume repetitive task like form filling, significantly reducing manual effort and improving accuracy. Built as a practical RPA solution during my MBA part-time role.
Case Study: <https://www.charanteja.com/work/voltas-nsa-entry-automation-uipath>

Education

Master of Business Administration (MBA)

2022

Kirshna Chaithanya institute of Management | Vikrama Simhapuri University | Nellore AP.

Bachelor of Computer Science (B.sc)

2019

Kirshna Chaithanya Degree & P.G College | Vikrama Simhapuri University | Nellore AP.

Skills & abilities

Programming Languages: JavaScript, TypeScript
Frontend: React.js, Redux, UI Design, Tanstack
Backend: Node.js, Express.js
Database: PostgreSQL, MongoDB
DevOps & Tools: Docker, Jenkins, Azure DevOps, Git, Postman
Testing: Jest, Mocha, Vitest Testing Library
Cloud: Azure
Version Control Systems: Git, GitHub

Certifications

GitHub Foundations Certification	March 2025
Microsoft Certified: Azure Fundamentals	December 2024
SI Associate Certification (MongoDB)	April 2024

Languages

- English – Fluent
- Telugu – Native
- Hindi – Beginner
- Tamil - Beginner