

# Challa Sai Teja

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Frontend Developer · React.js · REST API Integration · 1.5 Years Experience

## PROFESSIONAL SUMMARY

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Frontend Developer with 1.5 years of hands-on experience designing and building responsive, data-intensive web applications. Proficient in HTML5, CSS3, JavaScript (ES6+), and React.js with strong expertise in REST API integration, state management using React Hooks, Git version control, and responsive design. Demonstrated ability to optimize UI performance, manage real-time data rendering, and deliver production-ready dashboards in fast-paced, collaborative environments. Quick learner with experience using Agile/Scrum methodologies and modern development tooling.

## TECHNICAL SKILLS

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**Languages:** HTML5, CSS3, JavaScript (ES6+), Python (basic)

**Frameworks & Libraries:** React.js, React Hooks (useState, useEffect, useRef), Bootstrap

**State Management:** React Hooks, Component-Based Architecture, Real-Time Data Polling

**API Integration:** REST API, GraphQL (basic), JSON, Fetch API, Axios, Pagination & Error Handling

**Data Visualization:** Plotly.js, Apache ECharts, Chart.js — Time-Series, Multi-Axis, Bar & Line Charts

**Responsive Design:** CSS Flexbox, CSS Grid, Mobile-First Design, Cross-Browser Compatibility

**Performance Optimization:** Large Dataset Rendering, Chart Paint Time Reduction, UI Thread Optimization

**Version Control & Tools:** Git, GitHub, Feature Branching, Code Reviews, VS Code, Chrome DevTools, Postman

**Cloud & Other:** AWS (basic), Agile/Scrum, AI Tools, Excel

## WORK EXPERIENCE

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**Frontend Developer** | VoltVisionTek — Hyderabad, India

January 2024 – Present (1.5 Years)

- Designed and developed the company's core product: a responsive Battery Test Data Dashboard using React.js, HTML5, and CSS3, enabling engineers to monitor, compare, and analyze real-time and historical battery test data across multiple test cycles.
- Built interactive data visualization components with Plotly.js and Apache ECharts, rendering time-series battery metrics (voltage, current, temperature, SOC) as dynamic line charts, bar charts, and multi-axis graphs.
- Implemented state management and real-time data handling using React Hooks (useState, useEffect, useRef) — enabling live data polling, chart updates, and responsive layout management across desktop and tablet breakpoints.
- Integrated React frontend with backend REST APIs to fetch, filter, and display live and historical datasets — implementing pagination, error states, and loading skeletons for seamless user experience.
- Built responsive UI using CSS3 Flexbox/Grid and mobile-first design principles; ensured cross-browser compatibility across Chrome, Firefox, and Edge for lab engineers and field technicians.
- Optimized dashboard performance by improving large dataset rendering in ECharts — reduced chart paint time and eliminated UI thread blocking during high-frequency data updates.
- Collaborated directly with backend engineers and product stakeholders using Agile/Scrum methodology to translate technical requirements into intuitive UI specifications.
- Maintained codebase with Git/GitHub using feature branching, pull requests, code reviews, and clean commit history — ensuring code quality and team collaboration.

## PROJECTS

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**EV Charging Points & Online Assistance System** | Python, Django, HTML5, CSS3, JavaScript, REST API, Google Maps API | 2023

- Built a full-stack web platform with REST API communication between a Django backend and a responsive HTML5/CSS3 frontend; integrated Google Maps API for real-time EV charging station discovery and filtering.
- Designed cross-browser-compatible, mobile-first interface ensuring smooth UX across Chrome, Firefox, and Safari with optimized performance and intuitive user flows.

### **Herbal Life – Wellness Website** | *HTML5, CSS3, JavaScript* | 2022

- Developed a fully responsive wellness website featuring interactive JavaScript components (tabs, modals, smooth scroll) with mobile-first design and consistent cross-device rendering.

### **Mana Rajahmundry – Local Directory Website** | *HTML, CSS, JavaScript* | 2022

- Created a real-world local business directory with dynamic JavaScript-powered search filters, category-based navigation, and a responsive grid layout with accessible, user-friendly design.

## **EDUCATION**

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### **B.Tech – Computer Science & Engineering (CSE)**

GIET Engineering College, Rajahmundry, AP | 2020 – 2024 | CGPA: 7.01

Relevant Coursework: Data Structures, Object-Oriented Programming, DBMS, Computer Networks, Web Technologies

### **Intermediate – MPC**

M.P.S. Junior College, Mandapeta, AP | 2018 – 2020

## **CERTIFICATIONS**

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- Virtual Internship – Front-End Development
- Virtual Internship – Python Programming
- Smart Internz – Cyber Security Awareness

## **SOFT SKILLS**

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Problem Solving | Attention to Detail | Team Collaboration | Communication | Time Management | Self-Learning | Positive Attitude

*Open to Frontend Developer roles in Hyderabad | Portfolio: [saitejachalla.in](https://saitejachalla.in) | Available Immediately*