# MALLA VINODKUMAR

React JS Developer

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## SUMMARY

**Results-driven React.js Frontend Developer** with **2 years of experience** building **high-performance web applications** using **React.js**, **Redux**, **JavaScript (ES6+)**, **Tailwind CSS**, and **REST APIs**. Adept at writing **modular**, **maintainable code** and collaborating with **cross-functional teams** to deliver **seamless**, **responsive UI/UX experiences**. Skilled in **performance optimization** through **reusable components** and **efficient routing**. Experienced in using **Jest** for writing **unit**, **snapshot**, and **integration tests** to ensure **code quality** and **reliability** in **agile development environments**.

## EXPERIENCE

**Software Engineer** at HCL Tech                                          2023 - Present

- **Designed and developed reusable, scalable UI components** using **React.js** and **JavaScript (ES6+)**, enhancing user engagement and contributing to a **15% reduction in bounce rate** by improving interaction and page responsiveness.
- **Implemented component-driven architecture** and wrote **clean, modular ES6 code**, which improved **code maintainability**, streamlined development processes, and facilitated easier debugging and future enhancements.
- **Diagnosed and resolved production-level bugs** across various components and workflows, leading to a **20% improvement in the QA cycle time** by reducing the number of defect iterations.
- **Collaborated closely with UI/UX designers and backend developers** to build and integrate end-to-end features. Leveraged **Git** for version control and contributed to smoother deployment cycles, resulting in **2x faster feature delivery**.
- **Participated in Agile development methodologies**, including **daily stand-ups, sprint planning, backlog grooming, and code reviews**, to ensure consistent delivery of project milestones and alignment with product goals.
- **Utilized Jest and React Testing Library** to write **unit tests, snapshot tests, and integration tests**, increasing test coverage and ensuring application stability across builds and deployments.

## EDUCATION

**Bachelors of Technology in Electrical and Electronics Engineering**         Aug 2019 - Apr 2023
Vignan Institute of Information and Technology

**Intermediate in Maths, Physics, Chemistry**                              June 2017 - Apr 2019
Sri Chaitanaya Junior College

## SKILLS

**Languages**: JavaScript (ES6+), HTML5, CSS3, Python,Core Java
**Frameworks & Libraries**: React.js, Redux.js, Tailwind CSS, Jest
**Tools & Platforms:** Git, GitHub, Visual Studio Code (VS Code), Chrome DevTools

## PROJECTS

**Food Delivery App – React + Swiggy Live API**

- **Independently developed the frontend** of a responsive web application using **React.js**, **Tailwind CSS**, and **Swiggy's Live API**, providing real-time restaurant and menu data.
- **Implemented Redux** for centralized state management, ensuring consistent data handling and efficient updates across components.
- Used **React Router** for seamless, dynamic navigation and **lazy loading** for performance optimization, reducing load times.
- **Wrote tests with Jest** to ensure functionality and stability, including testing components, state management, and API data fetching.

### Ecommerce Product Listing Page – React + Context API

- **Fetched product data from FakeStoreAPI** and implemented key features such as **category filtering**, **sorting**, and **cart functionality**, leveraging **context management** to maintain and update the shopping cart state across the application.
- Designed the app with a **responsive layout** and **intuitive UI**, ensuring smooth navigation and compatibility across various devices while maintaining consistent state using React's **Context API**.

### Netflix GenAI Clone – React + TMDB API + Gemini AI

- **Created a GenAI-powered recommendation engine** using **Gemini AI** and the **TMDB API**, combining real-time data rendering with an immersive, user-focused design experience.
- **Implemented Redux** for efficient state management, ensuring seamless handling of user preferences, recommendations, and real-time updates across components.
- Used **Google Firebase** for **authentication**, implementing sign-in and sign-up features to securely manage user access and data.

### Portfolio Website

- **Built a personal portfolio website** to showcase my skills, projects, and technical expertise using **React.js** and **Tailwind CSS**.
- Implemented a **responsive design** to ensure a seamless experience across desktop, tablet, and mobile devices.
- Included interactive elements like project showcases, contact forms, and links to **GitHub** and **LinkedIn**, making it easy for visitors to explore my work and connect.

## CERTIFICATIONS

- **Software Testing** from NPTEL

- **Python Programming** from Udemy

## ACHIEVEMENTS

- Awarded **Silver Badge** for **Certified React Developer** at *HCL Tech*, recognizing proficiency in React.js development and best practices.