

# Jashwant Jaladi

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## EDUCATION

### Sree Vidyanikethan Engineering College

*Bachelor of Technology in Electrical and Electronics Engineering*

Tirupati, AP

*Aug. 2015 – May 2019*

## EXPERIENCE

### Cognizant Technology Solutions

Jan. 2020 – Aug. 2021

*Web Developer*

*Hyderabad*

- Developed and optimized **responsive web applications** using **React.js**, reducing **Time-to-Interactive (TTI)** by **35%** and delivering a seamless, low-latency user experience.
- Designed and maintained **cross-browser email templates** using **HTML, CSS, and Litmus**, achieving **99% compatibility** across clients like Outlook and Gmail.
- Implemented **interactive UI components** for **iPad applications** using **JavaScript**, including panels, tabs, navigation menus, carousels, and modals to enhance user engagement.
- Diagnosed and resolved **UI and functional issues** in **React applications**, improving **cross-browser** and **cross-device compatibility** using **Chrome DevTools, Lighthouse, and BrowserStack**.
- Conducted **unit testing and debugging** with **Jest and React Testing Library**, enhancing **code quality and maintainability**.
- Collaborated with backend teams to integrate **REST APIs** and optimize **application performance**, reducing API response time by **15%**.
- Addressed and resolved **50+ reported issues** from the testing team, improving application stability and maintaining **on-time delivery** of feature updates.

## PROJECTS

### StreetPulse | *Next.js, MUI, Zustand, PostgreSQL, NextAuth, Stripe*

[Live Demo](#) | [GitHub Repository](#)

- Engineered a high-performance **eCommerce platform** using **Next.js** and **MUI**, optimizing performance and reducing page load times by **30%**.
- Established secure user authentication and account recovery flows using **NextAuth**, reducing unauthorized access attempts to zero, and improving overall application security posture.
- Streamlined **Stripe** payment processing, automating transactions and achieving a **100% success rate** across **100+ test payments**.
- Refactored **wishlist and cart management** with **Zustand**, cutting state update latency by **30%** and enhancing real-time filtering, reviews, and search.
- Achieved a **98+ Lighthouse score on desktop** and **83 on mobile**, slashing LCP to **0.6s (desktop)** and **3.4s (mobile)**, improving site responsiveness.

### PixelPals | *MERN, Chakra UI, Recoil, Tailwind CSS, WebSockets, Cohere AI*

[Live Demo](#) | [GitHub Repository](#)

- Designed a **real-time social media platform** using the **MERN stack**, facilitating seamless connections, post sharing, and interactive chat.
- Developed an advanced **real-time chat system** with **WebSockets**, incorporating **instant notifications, message status tracking, online presence, and typing indicators**.
- Enforced **secure access** and **user privacy controls** with **authentication-based access, password reset, follow request validation, and granular privacy settings** for private accounts.
- Leveraged **Cohere AI** to generate **sentiment-based text suggestions**, enhancing **user engagement and interaction quality** through AI-driven recommendations.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, HTML, CSS

**Frameworks/Libraries:** React.js, Next.js, Express.js, Node.js, Chakra UI, Material UI, Shadcn UI, Jest

**Databases:** MongoDB, PostgreSQL

**Backend and APIs:** REST APIs, WebSockets, Next.js API Routes

**State Management:** Zustand, Recoil

**Tools:** Git, Vercel, Render, Jira, Litmus, Email on Acid