

VISHALKIRTHIK THIRUKKONDA

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Experience

TripandThrill | *Fullstack, React.js, Node.js, Supabase, PostgreSQL, Vercel, TypeScript, RESTful APIs* **Present**

- Developed and optimized search and filtering for 500+ travel listings (stays & experiences) with pagination and query-based APIs, improving result load efficiency and usability.
- Revamped landing and listing UI, improving responsiveness across devices and reducing layout inconsistencies, leading to smoother navigation and reduced UI-related issues.
- Improved performance by implementing lazy loading, image optimization, and reducing unnecessary re-renders, achieving consistent 80+ Lighthouse scores on desktop and 60 on mobile.
- Built data-driven UI features such as availability indicators and trending tags, and resolved key bugs in booking flows, improving overall user interaction and system stability.

Projects

Linzo | *React, TypeScript, Node.js, Twilio SDK, React-Redux, Auth0* **Present**

- Built a real-time VoIP communication platform enabling accessible and multilingual conversations using speech-to-text (STT), text-to-speech (TTS), and sign-language-based visual assistance.
- Developed a mobile-first React application with TypeScript and React-Redux, and implemented backend call routing and secure authentication using Node.js, Twilio SDK, and Auth0.

FoodSense | *React-Native, Expo, ML Kit (React-Native), Node.js, MongoDB* **2 Months**

- Built a mobile app that spots food allergens in real time with on-device OCR and optional barcode scans, user profile customization and realtime alerts.
- Used react native's vision-camera library with pre-trained models to read ingredient text and offer safe product alternatives.
- Designed the system design for App FoodSense and contributed in testing, debugging and UI.

Zent | *React.js, Node.js, Python, Hardhat, Solidity, MongoDB, Transak, Vercel, RESTful APIs* **1 Month**

- Built a Telegram-native escrow platform for freelancers, enabling milestone-based payments with on-chain fund locking, secure transaction flow, and a Python-based OCR pipeline for automated document extraction.
- Implemented authentication, role-based access, and real-time data handling using MongoDB for seamless user experience.
- Designed responsive dashboards for clients and freelancers with optimized state management and API integration.

Freelancer | *MERN Stack, React Native, TypeScript, Firebase, Azure OCR* **Jan 2025 – Jul 2025**

- Built **Roomies**, a shared accommodation platform for an Indian startup using React Native and Firebase, featuring location-based filtering via Google Maps API and real-time chat, contributing to **Rs.5,00,000+ in pre-seed funding**.
- Developed **FindMyBills**, an OCR-powered bill digitization platform using MERN stack and Azure OCR, enabling searchable bill storage, expense insights, and improved document retrieval for individuals and businesses.

Technical Skills

- **Skills:** JavaScript | TypeScript | ReactJs | React-Native | NodeJs | ExpressJs | NestJs | MongoDB | C | C++ | Python | Docker | Postman | Vercel | Render | Git | Github | CSS | HTML

Education

B.Tech in Computer Science and Business Systems **2022-26**
St. Vincent Pallotti College of Engineering and Technology | **CGPA: 9.41** **Nagpur, IN**

Achievements

- Won **1st place** in the *Idea³ Industrial Hackathon* hosted by SVP CET, receiving a cash prize and award (2025).
- Secured **2nd position** in the GDG Hackathon hosted at JD College of Engineering, Nagpur (2025).
- Secured **2nd position** in the Sellathon Competition conducted by IIIT Nagpur (2024).
- Finalist in the Telegram Mini App Hackathon hosted by Luma Labs and IIM Nagpur (2024).
- Achieved **3rd position** in E-Summit Pitchers 4.0 entrepreneurship competition at IIIT Nagpur (2024).
- Regional-round qualifier in the Smart India Hackathon (SIH) among 100k+ participants (2023).
- Recipient of the *Holistic Scholar Award* (2024).