

# Rakesh Vanam

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## WORK EXPERIENCE

### 5th Dimension Technologies

Dec 2024 – Present

*Full Stack Developer Intern*

*Hyderabad, India*

- **Led frontend development** on high-impact projects like an educational web app for a national space mission and a large-scale book fair platform — integrating **scroll-based storytelling**, **audio-text syncing**, **speaker filters**, and **e-commerce flows** using **React.js**, **Next.js**, and **TailwindCSS**.
- **Built a scalable full-stack Learning Management System** from scratch using **Next.js** and **PostgreSQL**, enabling **OTP-based school onboarding**, **bulk student/teacher registration**, **course creation**, **assessments**, and **secure payment flows** designed for real use by institutions.
- Created a **mobile-first reading app** in **React Native + Expo**, featuring **auth**, **dark/light/system themes**, **category-based search**, and along with **modern landing pages** and animated UIs for client brands, showcasing strong **UI/UX thinking and frontend execution**.

## EDUCATION

### SR UNIVERSITY, Warangal, Telangana

Aug 2020 – May 2024

*Bachelor of Technology in Computer Science*

## PROJECTS

### CASE COBRA | *Next.js, TailwindCSS, PostgreSQL, TypeScript*

[GitHub](#) | [Live Link](#)

- I built a complete **eCommerce** shop from scratch using **Next.js 14**, featuring a fully custom **phone case configurator** with an **Apple-style design** that lets users personalize their orders with ease.
- The UI is clean and modern, built on **shadcn/ui**, and includes **drag-and-drop file uploads** and **custom illustrations** by a professional artist to create a **premium feel**.
- There's also a **private admin dashboard** to manage orders, along with **secure authentication** using **Kinde**, covering both the customer and admin experience end to end.

### SPIRON.AI | *Open Api, PostgreSQL, Tailwind CSS, Next.js*

[GitHub](#) | [Live Link](#)

- **Spiron AI** is designed to be a truly **cutting-edge web application**, transforming the way businesses handle **website interactions** and **sales processes** through the power of **advanced AI** and thoughtfully crafted, **intuitive features**.
- The project is packed with features that focus on **enhancing user experience** and **boosting engagement**, making it a powerful tool for businesses to **optimize their online presence** and streamline customer journeys.
- Key features include an **AI-powered sales assistant**, **real-time chat (manual + automated)**, **appointment booking with payments**, a **calendar widget**, **Stripe integration**, **simple email marketing**, a **financial dashboard**, **custom login/signup with OTP**, **light/dark mode**, and **plan-based feature restrictions** — all designed for real-world business use.

### VALUE HUNTER | *ReactJS, NodeJS, MongoDB, ExpressJS, Vite, TailwindCSS*

[GitHub](#) | [Live Link](#)

- Built **Value Hunter**, a deal discovery platform that showcases **top deals**, **70+ discounts**, **trending and recent drops** with a modern UI, **theme toggle (light/dark/system)**, and smooth **horizontal scrolling**, powered by the **Amazon Publisher API** for real-time updates and automation.
- Implemented advanced **filtering and search**, allowing users to browse deals by **category**, **price range**, **discount percentage**, and **tags**, with seamless integration into a **Telegram channel** for instant deal alerts; all deal data is dynamically fetched and updated based on **price drop triggers**.
- Developed a **personalized price tracker** with **user authentication**, enabling users to set a desired price and receive **automated email alerts** when it drops; also added an **AI-powered, SEO-optimized blog** system to enhance user engagement and support decision-making.

## SKILLS

**Languages** : JavaScript (ES6+), HTML5, CSS3, Java, Node.js, Python.

**Frameworks/Libraries** : React.js, Next.js, ExpressJs, React Native, RESTful API, Tailwind CSS, shadcn, Bootstrap, Framer Motion, JQuery

**Developer Tools** : Git, GitHub, VS Code, Postman, Vercel, Netlify, Jest.

**Cloud / Databases / Tech-Stack** : PostgreSQL, MySQL, MongoDB, AWS Services, Azure Services, Docker.