

VARA RAHUL RAJANA

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Education

National Institute of Technology, Rourkela

Bachelor of Technology - Biotechnology

Nov 2022 – Present

Rourkela, Odisha

Experience

Vanaha Botanical Skincare

Remote

Web Development Intern

May 2025 – July 2025

- **Website Maintenance:** Managed daily website updates, content changes, and resolved functional issues to ensure smooth operation.
- **SEO Optimization:** Conducted keyword research and implemented SEO strategies to improve search engine rankings and online visibility.
- **Performance Analysis:** Monitored website traffic using analytics tools and provided data-driven recommendations for site improvements.

Projects

Trimrr

Live Project

- **Technologies:** Developed using Vite, TailwindCSS, Shadcn/UI, Supabase, Recharts, UAParser.js
- **Features:** Built a full-stack URL shortener with user authentication, custom short URLs, QR code generation, and detailed click analytics including device type, location-based stats, and real-time charts.
- **Impact:** Created a modern, scalable, and mobile-friendly web app offering personalized URL management and insights — enhancing user engagement through analytics and clean UX.

FormIQ

Live Project

- **Technologies:** Built with React 18, TypeScript, Tailwind CSS, Shadcn UI, Zustand, React Hook Form, Zod, and @dnd-kit for drag-and-drop.
- **Features:** Drag-and-drop form builder with 10+ field types, field properties editor, conditional logic, auto-save, undo/redo, fake data generation, responsive previews, and multiple export options (JSON, HTML, React component).
- **Impact:** Enabled users to design and test professional forms quickly with real-time validation, responsive layouts, and one-click export, making it a powerful playground for form creation and testing.

Localize

Live Project

- **Technologies:** Built with React, TypeScript, TailwindCSS, Framer Motion, and Supabase for a full-stack PWA with real-time capabilities.
- **Features:** Developed a hyper-local anonymous notice board connecting users within 1km radius with geolocation, real-time comments, authentication, and offline PWA functionality.
- **Impact:** Created a community-focused platform enabling local engagement through secure anonymous posting, fostering neighborhood connections and local commerce.

Achievements/Certifications

Postman API Fundamentals Student Expert

Postman

Achieved proficiency in API design and testing using Postman.

August 2023

Frontend Developer (React)

HackerRank

Certified in building responsive and interactive web applications with React.

February 2023

Technical Skills

- **Languages:** C++, JavaScript, TypeScript, Python, Golang
- **Frameworks:** ReactJS, NextJS, TailwindCSS, Node.js, Express, Socket.io
- **Databases:** MongoDB, Mongoose, PostgreSQL
- **Tools/Platforms:** Git, GitHub, Postman API, Docker, Firebase, GCP

Extracurricular Activities

Contributor, OSS Wave

OnlyDust

Contributed to OSS Wave by OnlyDust; improved docs and frontend across multiple open-source projects.

June 2025

Participant, HackNITR

NIT Rourkela

Boosted team efficiency by 30% in HackNITR hackathon project

March 2024