

Vinayak Maheshwari

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Education

B.Tech in Electronics and Communication engineering
Indian Institute of Information Technology Allahabad

Prayagraj, Uttar Pradesh
Aug 2024 - Present

Experience

React Native Intern
March 2025 - April 2025

Kiran Foundation - remote

- Implemented real-time chat functionality using **React Native** and **Chat-Stream**, enabling seamless user communication within the app.
- Ensured optimal performance across both Android and iOS platforms by optimizing state management with **Redux**.
- Translated **Figma Desings** into pixel-perfect, responsive UI components, maintaining visual consistency across Android and iOS.
- Implemented modular and reusable components, improving development speed and code maintainability.

Projects

Dorara - Personal productivity app

[Github](#) | [Download](#)

An all-in-one productivity app that combines to-do lists, notes, and journaling to help users stay organized and track their daily activities.

- **Tech Stack:** React Native, Expo, Sqlite, Nativewind, EAS
- Developed core features for to-do management, notes, and journal entries, allowing users to add, edit, and organize tasks and notes
- Integrated local SQLite database for offline secure storage.
- Built a clean, user-friendly interface with React Native and Nativewind, focusing on intuitive navigation and smooth interactions.

CRUX - JoSAA/CSAB Rank Analyzer

[Github](#) | [Live](#)

A web platform that provides previous years' opening and closing ranks for various colleges under JoSAA and CSAB, helping students make informed decisions during counseling.

- **Tech Stack:** Next.js, Postgresql, Prisma, Tailwind CSS, Docker
- Developed a filterable and sortable interface for exploring historical cutoff ranks by year, exam type, round, institute, and branch.
- Integrated a local Postgresql database with Prisma for fast querying.
- **Helped numerous students select the right college and branch by offering accessible, data-driven insights.**
- Self-hosted the application on a personal VPS, handling full deployment, server setup, and domain configuration.

Jeelore - JEE/NEET Doubt-Solving Forum

[Github](#) | [Live](#)

A community-driven web forum where JEE and NEET aspirants can post questions, share answers, and collaborate to solve academic doubts.

- **Tech Stack:** ExpressJS, ReactJs, MongoDB, Tailwind CSS, Cloudinary, Docker
- Built a full-stack Q&A platform enabling users to post doubts, comment, and upvote helpful answers.
- Integrated Cloudinary for optimized image upload and delivery, allowing users to attach images with their doubts and answers.
- Self-hosted the entire platform on a personal VPS using Docker Compose for containerized deployment and easy service management.

Skills

Languages: TypeScript, Python, Rust, C/C++

Frameworks: NextJs, ReactJs, ExpressJs, Hono, React Native, Expo, Dioxus

Tools: Git, Firebase, Supabase, Docker, Nginx, Cloudinary, Figma, TailwindCSS, Nativewind, Socket.io