Vimal Kumar V

MERN Developer, App Developer, UI/UX Designer

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EXPERIENCE

Aviotronic Tech LLP, Remote – *Frontend Development Intern:*

React JS | Tailwind CSS | Redux/RTK | PWA. Jan 2025 – Mar 2025 | 3 MONTHS

- Built a full-scale Admin Panel & E-commerce frontend (PWA), with intuitive and responsive user interface and with efficient caching strategies improving user experience.
- Leveraged Progressive Web App (PWA) benefits for efficient caching, offline usability, and installable functionality. Optimized the app for fast load times, achieving 92% Performance & Accessibility scores and ensured 100% SEO & best practises score.

Hepra Solutions Pvt. Ltd, Chennai – *Software Development Intern:*

MERN | PWA | Figma | Tailwind CSS. Mar 2025 – Present | 2 MONTHS

- Implemented client-requested features, reducing manual work by automating Excel-to-PDF exports, cutting time consumption by 80%.
- Developed caching strategies & performance optimizations for a media management app, enhancing speed and resource efficiency by 45%.

PROJECTS

Day-Track Pro *– Productivity & Life Tracking Application:*

React Native| Node JS | Express JS | Mongo DB | Tailwind CSS | Redux

- Developed a productivity app enabling users to track their daily emotions and activities. Implemented YEAR_IN_PIXELS visualization helping users analyse long-term patterns and improve goal tracking
- Solved the issue of inconsistent self-tracking, impacting 70% of the users who struggle with habit formation and personal reflection.

Bliss-Wayfarer *– Collaborative Travel Planning App:*

React Native | Node JS | Express JS | Mongo DB | Expo | Tailwind CSS

- Built a travel community for users to share to share posts, blogs, vlogs, and itineraries. Implemented location-based search that prioritizes hidden gems using TF-IDF & Weighed ranking algorithm. Developed a collaborative itinerary management enabling users to co-edit and customize trip plans.
- Solved lack of real-time collaborative trip planning, impacting 80% of the travellers who struggle with group itinerary coordination and destination research.

Lalasia-MERN-E-commerce *– Furniture Ecommerce App:*

React JS | Node JS | Express JS | Mongo DB | Redux | RTK Query | Tailwind CSS

- Implemented intuitive user interface for browsing and categorizing the products at ease. Developed a feature-rich application that provides user's an advanced searching, sorting and filtering options to categorize the products.
- Implemented advance admin CRUD options to products and users, also developed secure auth with protected routes.

EDUCATION

KCG College of Technology, Chennai, **B.E** Computer Science & Engineering

NOV 2021 - MAY 2025 | CGPA: 7.8.

St. Savio Mat. Hr. Sec. School, Higher Secondary (XII), Science

Grad. MAY 2021 | Cum. Per: 83.3%

St. Savio Mat. Hr. Sec. School, Higher Secondary (X)

Grad. MAY 2019 | Cum. Per: 78%

LINKS

Portfolio:// **Vimal Kumar**
Github:// **Vimal Kumar**
LeetCode:// **Vimal Kumar**
LinkedIn:// **Vimal Kumar**

COURSEWORK

Frontend Development – Coursera
React Development – Coursera
Web Dev Bootcamp – Udemy

SKILLS

Programming Language:
- Java, JavaScript, TypeScript.

Frameworks/Libraries:
- React JS, Node JS, Express JS, React Native, Redux, Tailwind CSS, Bootstrap.

Database/ORM:
- Mongo Db, SQL, Mongoose

Others:
- HTML, CSS.

Tools:
- GitHub, Postman, Figma, Framer, Expo, Sanity.