Vimal Kumar. V

MERN Developer, App Developer, UI/UX Designer

vimal923kumar@gmail.com
+91 7904159007
Chennai, Tamil Nadu, India

EXPERIENCE

Infotrixs Technologies, Remote – *Full Stack Development Intern:*

React JS | Node JS | Express JS | Mongo DB. Jul 2023 – Aug 2023 | 1 MONTH

- Strengthened web application security by implementing JWT authentication with HTTP only cookies, preventing XSS and CSRF attacks, improving data protection and user trust.

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

React JS | Redux | Tailwind CSS. Jan 2025 – Present | 1 MONTH

- Built the entire admin panel and store frontend, implemented advanced filtering, sorting and pagination to enhance management. Used RTK query for caching and API optimization, resulting in smoother UX and faster load times.

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**
HackerRank:// **Vimal Kumar**
LinkedIn:// **Vimal Kumar**

COURSEWORK

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

SKILLS

Programming Language:
- Java, JavaScript, TypeScript.

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

Database:
- Mongo Db, SQL.

ORM:
- Mongoose.

Others:
- HTML, CSS.

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