

# Vivek Kumar

Gurugram, India

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## Technical Skills

Programming Languages	JavaScript, TypeScript
Libraries/Frameworks	React.js, Next.js, HTML, CSS, Redux-toolkit, Material-UI, Tailwind CSS, Jest, Webpack, Git, Node.js, Express.js
Database	MongoDB, Firebase

## Work Experience

### CardByte

Gurugram

SOFTWARE ENGINEER

#### CARDBYTE ENTERPRISE APP:

May 2022 - Current

- Lead the end-to-end development journey of robust multi-tenant SaaS application using React.js, Redux-toolkit, SCSS and React-Hook-Form, guiding it from conceptualization to successful deployment.
- Collaborated closely with product team, adeptly gathering requirements and transforming them into modular and reusable UI components.
- Integrated firebase for seamless authentication and real-time notifications, streamlined contact sharing via Dynamic Links.
- Engineered innovative solutions, including a user invitation system with bulk invites via Excel and Azure AD integration. Additionally developed many complex features like custom templates for cards and email signatures akin to platforms like Canva.
- Achieved a remarkable 75% code coverage through rigorous testing with jest and React Testing Library.
- Implemented React optimization techniques, such as lazy loading, memorization, and code splitting resulting in an impressive 70% improvement in web app load time while ensuring seamless mobile compatibility.
- Ensured data security through API communication, implemented role-based and organization-based data access controls.

#### CARDBYTE APP:

- Developed new features such as multiple social media integrations and app tours for enhanced user experience, while providing dedicated support for existing features to ensure seamless functionality.
- Migrated web app from old class-based components to functional ones, removing unsupported libraries and achieved a remarkable 75% code coverage with jest and React Testing Library.

## Projects

### TOUROPIA

Github

A travel blog platform enabling users to explore and share experiences of various tourist destinations.

#### Tech Stack:

React | Redux-toolkit | MDb-UI-kit | Express.js | MongoDB

Features:

- Users can create, edit, and delete their posts about tourist destinations.
- Post includes uploading pictures, writing descriptions, and adding tags.
- Search functionality allows users to find posts by destination name.
- [touropiac.netlify.app](https://touropiac.netlify.app)

### BUY BOOK

Github

An Ecommerce application where users can order a variety of books.

#### Tech Stack:

React | Redux-toolkit | Material-UI | Tailwind CSS | Express.js | MongoDB |

Features:

- Simple interface for easy sign-up, Google login, and straightforward tools to find, sort and filter books effortlessly.
- [buy-book-beta.vercel.app](https://buy-book-beta.vercel.app)

## Education

### Masai School

Bangalore, India

Full Stack Web Development

Aug 2021 - May 2022

- Built robust and scalable applications using the MERN stack.
- Utilized advanced concepts in React.js, Redux, Express.js and MongoDB to create dynamic and user interfaces.
- Developed RESTful APIs and gained understanding of principles of CRUD operations.

### Hansraj College, Delhi University

Delhi, India

BSC(Hons.) Electronics

June 2018 - May 2021