

# RAHUL KUMAR MERN FULL STACK DEVELOPER

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➤ [Portfolio](#)

## SUMMARY

Full-stack MERN Developer with 2+ years of experience building scalable web applications and RESTful APIs. Proven expertise in React, Node.js, and MongoDB. Passionate about clean architecture, performance optimization, and delivering business-focused solutions in agile teams.

## SKILLS

**Languages :-** Javascript (ES6+), JSON

**Frontend development :-** HTML, CSS3, React.js, Redux, Tailwind, Bootstrap

**Backend Development :-** Node.js, Express.js

**Databases:-** MongoDB, SQL

**Tools & Devops:-** Git, Github, Postman, AWS S3, JWT, Axios, Firebase

## EXPERIENCE

**MERN FULL STACK DEVELOPER**

Tunnatma Private Limited - Gurgaon,IN

02/2023 - 10/2024

**Tech Stack:** Various technologies including but not limited to Express.js, Javascript, Node.js, React, MongoDB, AWS S3, JWT tokens, Git, Postman, Redux, Redux Thunk and Axios

### Responsibilities and Descriptions:

#### – Shopping Cart (E-Commerce)

**User Model Definition:** Collaborated with the development team to define the User model with attributes such as name, email, profile image, phone, address, and more.

**User API Creation:** Developed and implemented **APIs** for user registration, login, profile retrieval, and profile updates, ensuring efficient data processing and secure **JWT** token generation for authentication. Additionally, designed and created APIs for fetching and filtering product data, including product details, pricing, and availability, optimizing the product retrieval process to ensure fast and reliable responses. Integrated robust error handling, validation, and security protocols, including **OAuth** and data encryption, to enhance user experience and maintain data integrity.

**Password Security:** Ensured secure password storage using encryption (**bcrypt**).

**User Profile Image Management:** Managed the user profile images through **Amazon S3** storage.

**Product Model Definition:** Assisted in defining the Product model with attributes like title, description, price, image, style, sizes, and more

**Product API Testing:** Executed testing of Product APIs for creating, retrieving, updating, and deleting products, including filtering and sorting functionality using **POSTMAN**

**Cart Model Testing:** Ensured proper functionality of the Cart model, Including associating users with items in their cart and testing Cart APIs for adding, removing, and retrieving items, as well as calculating total price and items

**Speed/Performance:** Reduced page load times by implementing React rendering strategies like **Lazy Loading**.

## – Bloghub

**Blog Creation:** Created APIs for blog creation, ensuring successful creation, and returning relevant blog data and appropriate **HTTP** status codes.

**Blog Retrieval:** Developed APIs for retrieving non-deleted and published blogs, allowing various filters like author, category, tags, and subcategories.

**Blog Updates:** Developed APIs for updating blog content, adding tags, subcategories. and changing the publish status. with proper error handling and response.

**Blog Deletion:** Ensured secure blog deletion, marking them as deleted while preserving data integrity, and handling errors for nonexistent blog documents

**Bulk Blog Deletion:** Provided the functionality for bulk blog deletion based on category, author ID, tag name, subcategory name, and unpublished status .

### SOFTWARE DEVELOPER INTERN

Javeo Traveller - Bangalore, IN

08/2022 - 02/2023

**Tech Stack:** Express.js, Javascript, Node.js, React, MongoDB, JWT tokens, Git, Postman, Redux, and Axios

### Responsibilities and Descriptions:

- Collaborate with the software development team to design, develop and test software applications.
- Assist in writing clean, efficient and maintainable code.
- Participate in code reviews and provide constructive feedback.
- Support the team in troubleshooting and resolving software defects.
- Contribute to the documentation of software development processes and best practices.
- Designed database structures to store data securely and efficiently.
- Researched industry trends in order to develop innovative solutions.
- Implemented security measures such as authentication protocols to protect sensitive data

### EDUCATION

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| • <b>BTECH</b> in Mechanical Engineering | Reva University, Bangalore | 06/2020 |
| • <b>12th</b> Grade in Computer Science  | Chethana PU College        | 05/2016 |