

# RAHUL KUMAR MERN FULL STACK DEVELOPER

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➤ [Portfolio](#)

## SUMMARY

Full-stack MERN Developer with 3 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

02/2022 - 01/2025

**Tech Stack:** Express.js, Javascript, Node.js, React, MongoDB, AWS S3, JWT tokens, Git, Postman, Redux, Redux Thunk, Axios, AWS S3, Tailwind, Bootstrap

### Responsibilities and Descriptions:

#### ♦ E-Commerce Shopping Cart

- Developed secure **user authentication** using **JWT** and **bcrypt**; implemented **registration**, **login**, and **profile** APIs with input **validation** and **role-based access**.
- Created and tested **RESTful product APIs** for **CRUD operations**, including **filtering**, **sorting**, and **pagination** using **Postman**.
- Designed and managed **MongoDB schemas** for **users**, **products**, and **carts**; enabled item addition/removal and real-time **price calculation** in user carts.
- Integrated **AWS S3** for efficient **image upload and storage** (user profiles and product images).
- Enhanced frontend performance using **React lazy loading**, reducing initial **load time** by approximately **30%**.

#### ♦ BlogHub (Blog Management Platform)

- Designed and developed **scalable blog APIs** using **Node.js**, **Express**, and **MongoDB**, with proper **input validation** and structured **schema design**.
- Implemented **JWT authentication** and **role-based access control** to secure API endpoints and sensitive user data.
- Enabled advanced **filtering and search** by **author**, **category**, **tags**, **subcategory**, and **publish status**.
- Added **soft delete** and **bulk deletion** features using dynamic query conditions, ensuring **non-destructive data handling** and improved admin control.

- Ensured **robust error handling** and consistent **HTTP status codes** across all **CRUD operations**.

#### ♦ TaskFlow (Task Management Tool)

- Built a **Kanban-style task management platform** using **React, Node.js, Express, and MongoDB** for collaborative project tracking.
- Implemented **drag-and-drop functionality** using **React DnD**, enabling dynamic task movement across columns and boards.
- Developed **RESTful APIs** to manage **projects, boards, columns, and tasks**, supporting features like due dates, priority tags, and user assignments.
- Secured user access with **JWT-based authentication, protected routes**, and role-specific permissions for project members.
- Designed responsive UI with **React hooks** and **Redux Thunk** for seamless state management and real-time task updates.

**SOFTWARE DEVELOPER INTERN**

Javeo Traveller - Bangalore, IN

08/2021 - 02/2022

**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**

- **B.TECH** in Mechanical Engineering      Reva University, Bangalore      06/2020
- **12th** Grade in Computer Science      Chethana PU College      05/2016