

# VICKY KUMAR

Full Stack Developer

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## Profile Summary

Full Stack Web Developer specializing in the **MERN** stack, passionate about building scalable web applications and writing clean, maintainable code. .

## Projects

**Ecommerce** | [GitHub](#) | [View](#) | *React.js, Redux, Node.js, Express.js, MongoDB*

- Developed a full-featured Ecommerce platform using the MERN stack with scalable architecture.
- Implemented secure user authentication and authorization using **JWT** and **bcrypt**, enabling role-based access for customers and admins.
- Designed and integrated an admin dashboard for managing users, products, categories, and orders efficiently.
- Built product and order management system with CRUD operations, stock tracking, and order status updates.
- Integrated **Stripe** payment gateway for seamless and secure online transactions.
- Implemented image upload functionality with **Cloudinary** for optimized media storage and delivery.
- Added **Nodemailer** for resetting forgotten password.

**School Management System** | [GitHub](#) | [View](#) | *React.js, Node.js, Express.js, MongoDB*

- Developed a role-based MERN application with **authentication** and **authorization** for users.
- Implemented separate dashboards for Admin, Teachers and Students.
- Integrated secure authentication authorization using **JWT** and **bcrypt**, ensuring role-specific access control.
- Designed **RESTful APIs** in Express.js for handling user data and dashboard operations.
- Ensured secure backend operations with **middleware** for authentication, input validation, and error handling.

**ChatterUp** | [GitHub](#) | [View](#) | *JavaScript, Node.js, Express.js, MongoDB, Socket.io*

- Built a real-time chat platform using **Node.js**, **Express.js**, and **Socket.io**, enabling instant two-way communication between users.
- Enabled user presence tracking to enhance interaction and awareness in chat rooms.
- Added typing indicators and message broadcasting for an interactive chat experience.
- Implemented **server-side validation** and **error handling** for secure and reliable message delivery.

**Weather App** | [GitHub](#) | [View](#) | *Handlebars, Node.js, Express.js*

- Developed a Weather Application using **Handlebars**, **Node.js**, and **Express.js** with a clean and responsive UI.
- Integrated OpenWeatherMap API to fetch real-time weather data.
- Implemented search functionality allowing users to view weather details by city name.
- Displayed dynamic weather icons based on current conditions.
- **Handled API errors** gracefully by showing meaningful messages for invalid city names.

## Technical Skills

**Programming Languages:** Java, HTML/CSS, JavaScript  
**Frontend:** React.js, Bootstrap, Material UI  
**Backend:** Node.js, Express.js  
**Databases:** MongoDB, Firebase  
**Developer Tools:** Git, Github, Postman, Chrome DevTools  
**Additional Skills:** DSA, OOPS  
**Soft Skills:** Communication, Teamwork

## Education

**Babasaheb Bhimrao Ambedkar Bihar University**

*Bachelor of Science in Mathematics*

**2019 – 2022**

*Muzaffarpur, Bihar*

## Trainings

**Coding Ninjas**

*Full Stack Web Development*

**July 2024 – Active**

- [Frontend](#) | [Backend](#) | [Java](#) | [Data Structure](#)