# Rohit Verma  (DATA ENGINEER)

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**Summary**

data engineer with experience in designing, implementing, and maintaining large-scale data platforms. Proficient in multiple big data technologies and ETL tools with expertise in data warehousing and data modeling. Strong problem-solving skills with a proven track record of delivering data solutions that meet business needs.

**Skills**

- Python
- AWS
- MySQL
- Power BI
- DBMS

- Docker
- GitHub
- Git
- Linux
- CSS3

- HTML5
- JavaScript
- React.js
- Redux
- Node.js

- Express
- TypeScript
- NoSQL
- MongoDB
- Docker

## Projects Experience

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**MERN : E-COMMERCE**                                             **January 2023 – April 2023**

- Implemented using MERN Stack with payment gateway using Stripe.
- User can register and upload profile picture using Cloudinary API, and can reset password with crypto and Nodemailer.
- Secure user authentication by utilizing JWT tokens and browser cookies with hash bcrypt password.
- Implemented pagination, price, and rating features for products by seamlessly integrating with backend APIs to manage query parameters effectively. Optimized data fetching and rendering processes, resulting in a 20% improvement in overall system performance.
- Optimized website efficiency by implementing price and rating sliders in the frontend, leveraging throttling and debounce to achieve a remarkable 30% performance boost for users.
- Enable seamless shopping: Add to Cart (local storage), input shipping details (session storage), finalize with payment (Stripe). Users can view his orders, provide product reviews and ratings.
- Developed protected routes using higher-order components for user and admin access control in a React application.
- Designed and implemented interactive charts in the admin dashboard utilizing Chart.js for in-stock and out-of-stock items.

**MY-COURSERA :** *Platform for Selling Courses*                           **May 2023 – June 2023**

- Project Accomplishment with MERN Stack and RazorPay Integration.
- Students can browse courses and view lectures on the platform by subscribing, unlocking all content associated with a single plan ID.
- Subscription initiation facilitated through RazorPay instance with specified plan_id of it.
- Payment for the subscription is processed using RazorPay's parameters:  razorpay_signature, razorpay_payment_id, and razorpay_subscription_id.
- Utilizing Multer for single-file uploads and Cloudinary.v2.uploader for uploading lectures, each lecture file can be 100 MB large.
- The admin panel features a progress bar illustrating the percentage growth in views, user count, and subscriptions, along with a dynamically updated line chart displaying monthly statistics on views per year, facilitated by the node-cron.schedule() function and resulting in a 30% increase in user's interaction.

**WE-CHAT**                                                          **JULY 2023 – AUGUST 2023**
- Implemented a real-time chat application with socket.IO between the client (browser) and the server
- Designed and implemented a real-time group chat feature allowing clients to create and join chat rooms dynamically using Socket.IO events to join rooms in the backend.

**CODE-EDITOR :** *Real Time Collaboration using Socket.Io*        **AUGUST 2023 – SEPTEMBER 2023**
- real-time-collaboration for code-editing with web-socket and codeMirror between the client (browser) and the server
- Create unique room-id and join the rooms in real-time.
- See joined and total users in the room.
- client can see user-join and leave alerts.

# EDUCATION

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**Jabalpur Engineering college, Jabalpur**
*B Tech - Information Technology*                                      *June 2017 – June 2021*

**Maharishi Vidya Mandir Hr. Sec. School**                           Percentage - 75.8
*Higher Secondary School*                                            *June 2014 – June 2015*

## KEEN  INTERESTS
Coding , Adventure , Music , Photoshop, Travelling