

Rohit Chaudhary

Software Engineer

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🌐 Rohit Chaudhary

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Academic Qualifications

Year	Degree/Certificate	University	Grade
2022 - 2025	BCA	GNIOT institute of Technology, Noida	60%
2022	Class XII (CBSE)	N.R Public School , Khurja,UP	72%
2020	Class X (C.B.S.E)	N.R Public School , Khurja,UP	68.8%

Technical Skills

Data Structures & Algorithms:	Java Script	Frontend:	React.js, JavaScript, HTML5, Tailwind CSS, Appwrite
Database & Tools:	MongoDB, Git, GitHub, Postman	Backend:	Node.js, Express.js, RESTful APIs, VS Code, Vercel

Projects

Crypto Tracker | ReactJS, Tailwind CSS, DaisyUI, Chart.js, Axios Jan'24 – April'24

- Integrated real-time market data from the public **CoinGecko API** to display key financial metrics for leading cryptocurrencies, including current price, market capitalization, 24-hour price change, and global rankings.
- Visualized** historical price trends using **Chart.js** graphs, allowing users to analyze 7-day, 30-day, and 1-year ranges.
- Engineered a responsive, visually appealing UI with **Tailwind CSS** and **DaisyUI** using modular components to enhance experience.
- Implemented efficient data handling using **Axios** and **async/await** to fetch and display data, with robust error handling.
- Optimized** performance and scalability via **lazy loading**, **code splitting** and **conditional rendering** to reduce load time.

ImageGram | Express.js, MongoDB, AWS S3, Multer-S3, JWT, Zod, Swagger Jun'24 – Sep'24

- Built a scalable **RESTful API** with **Express.js** for a media-sharing platform with user content and real-time features.
- Implemented efficient media upload using **Multer** and **Multer-S3**, enabling uploads to **AWS S3** for seamless and secure storage.
- Ensured robust validation and clean error responses using **Zod**, maintaining type safety and simplifying debugging during dev.
- Engineered support for deeply nested comments and threaded replies through **recursive schema** structures and query patterns.
- Secured all **API** endpoints with **JWT-based authentication** and **middleware** guards, protecting user data and session integrity.
- Authored comprehensive **API** documentation using **Swagger**, enabling easy testing, debugging, and onboarding for developers.

MessageSlack | Full Stack Chat Application Dec'24 – Apr'25

Frontend Development: React.js, Tailwind CSS, Socket.IO, React Query

- Built a real-time chat interface using **React.js** and **Socket.IO**, enabling seamless multi-channel messaging an intuitive experience.
- Leveraged **React Query** for performant **data fetching**, **caching**, and **automatic synchronization** between client and server.
- Designed responsive layouts using react-resizable-panels, allowing users to adjust sidebar, channel list, and chat window for usability.
- Integrated secure **OTP/token-based authentication** flows using react-verification-input, improving the verification experience.

Backend Development: Node.js, Express.js, MongoDB, Razorpay, Nodemailer

- Integrated **Razorpay** to enable secure in-app payments and subscription-based features, supporting platform monetization.
- Applied security best practices by configuring middleware like **CORS** and rate limiting, safeguarding APIs from unauthorized access.
- Configured **Nodemailer** to send real-time transactional emails for account verification, channel invitations, and password resets.
- Connected to **MongoDB** with **Mongoose**, designing scalable schemas for users, channels, messages, and threads to ensure integrity.
- Improved backend development efficiency with **Nodemon** enabling automatic server reloads on file changes to streamline iteration.

ShopEase | E-commerce Web Application May'25-Jul'25

Frontend Development: React.js, Tailwind CSS, React Query, Context API

- Implemented efficient **data fetching** and caching with **React Query**, enabling synchronization and reducing redundant requests.
- Managed global state for cart, authentication, and wishlist using **React's Context API**, delivering a consistent user experience.
- Built dynamic product pages with advanced search and filtering to enhance product discoverability and user engagement.

Backend Development: Node.js, Express.js, MongoDB, Mongoose, Redis, JWT

- Implemented scalable **RESTful APIs** with **Node.js** and **Express.js** to manage core entities including products, orders, payments.
- Implemented secure **JWT-based authentication** and authorization, protecting routes and enabling access for administrators.
- Integrated **Redis** caching to store frequently accessed product data, improving API response times and system performance.
- Enforced input validation and comprehensive **error handling** across all endpoints to maintain data integrity and security standards.

Certificates

Technical Certificates

2024 to Present

- Certified in Full Stack Web Development from PW Skills. [View Certificate](#)
- Certified in React.js Development. [View Certificate](#)
- Certified in SQL Database Management. [View Certificate](#)