

RITIK CHOURASIYA

Proven expertise in developing robust backend APIs and designing intuitive CMS Dashboards using the MERN (MongoDB, Express, React, Node.js) stack. A dedicated software engineer with a strong commitment to staying abreast of the latest advancements in backend development and technologies.

EXPERIENCE

Docfliq, Remote — Associate Software Engineer

July 2023 - PRESENT

- Developed **backend APIs for 4+** features within the HCP Engagement platform used by healthcare professionals
- Design and developed an intuitive CMS Dashboard with Analytics using the **MERN (MongoDB, Express, React, Node.js)** stack, reducing in a 50% reduction in content creation time and improved content consistency
- Optimized **database queries**, achieving a 40% reduction in response time, and strengthened user authentication mechanisms leading to a 30% reduction in security vulnerabilities
- Implemented a robust suite of unit tests covering ~45% of the codebase, thus significantly enhancing code quality and reliability using Mocha & Chai

Docfliq, Remote — Software Engineer Intern

Jan 2023 - June 2023

- Played a pivotal role in improving system responsiveness by implementing optimization techniques on the MongoDB database schema, resulting in enhanced data retrieval speed.
- Successfully elevated platform engagement by implementing a highly anticipated feature using WebSockets technology. This solution significantly improved user interaction.
- Contributed to the deployment of an advanced IP-based rate limiting system, safeguarding service reliability by mitigating potential DDoS attacks.
- Made contributions to platform security by integration of a multi-layered authentication system. This resulted in improved user data protection.

EDUCATION

University Institute of Technology, RGTU, Bhopal

Bachelors in Technology (B. Tech in Information Technology)

July 2019 - June 2023

Bhopal, India

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SKILL

Proficient: TypeScript | JavaScript | Node JS | Express JS | React JS | MongoDB

Intermediate: Go lang | Python | Redux | Docker | Linux | Git | GitHub | Websocket | Redis | PostgreSQL | NGINX

Familiar: Mocha | Chai | Declarative Jenkins Pipeline

PROJECT

CarrierJS — Javascript Library

- Led Carrier JS development, leveraging in-memory caching via IndexedDB for a 30% boost in data retrieval speed, enhancing website experience.
- This innovation garnered 15 GitHub stars and 19 forks, attesting to its recognition within the developer community and open-source collaboration.
- [Documentation](#) | [Github](#) | 2.2k+ downloads

HEADX — NPM Package

- Innovated and launched Headx, a React package transforming SEO management. Seamlessly integrating meta tags for web pages, boosting search engine visibility and user experience.
- Managed SEO configurations across multiple pages, earning 6 stars, 4 forks, and contributions from 3 developers on GitHub, reflecting widespread acclaim and collaboration within the developer community.
- [Documentation](#) | [Github](#) | 1.4k+ downloads