

RAKHI SINGH

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SUMMARY

As a MERN stack developer with four months of hands-on experience, I have built a strong foundation in both front-end and back-end development. I am skilled in JavaScript and MongoDB, and proficient in using React.js to create dynamic and responsive user interfaces. On the server side, I have hands-on experience with Node.js and Express, enabling me to develop robust APIs and manage server-side logic effectively.

TECHNICAL SKILLS

- **Programming Languages** : JavaScript, Python
- **Web Development** : HTML, CSS, JavaScript, Bootstrap, React.js, Node.js, Express.js
- **Database** : MongoDB
- **Tools** : Git, GitHub, Postman, Vs-Code

PROFESSIONAL EXPERIENCE

MERN Stack Developer Intern, Vidhema Technologies

Jan 2024 - Apr 2024

- Developed and maintained full-stack web applications using MongoDB, Express.js, React.js, and Node.js.
- Optimized backend services and database queries, improving application performance and reducing load times.
- Gained hands-on experience in RESTful API development, user authentication, and CRUD operations.

EDUCATION

Master of Computer Application

Sep 2022 -Aug 2024

- International Institute of Informatics and Management

Bachelor of Science (Computer Science)

Aug 2019 - Aug 2022

- C.L Jain College

PROJECTS

Role-Based Access Control (RBAC) Project

- **Tech Stack:** MERN (MongoDB, Express.js, Node.js)
- implemented a Node.js-based RBAC system to manage user roles effectively.
- Integrated JWT for secure authentication and authorization processes.
- Connected the system to a MongoDB database for storing and managing user credentials and roles.
- Ensured robust security measures to prevent unauthorized access and ensure data integrity.
- Developed scalable and modular APIs to handle user role assignments and access control.
- Focused on scalability and security to ensure efficient access management

Proof Of Concept

- **Project Overview:** Developed a proof of concept (POC) using the MERN (MongoDB, Express.js, React, Node.js) stack.
- **Dashboard:** Implemented a user-friendly dashboard for displaying and managing data.
- **CRUD Operations:** Performed Create, Read, Update, and Delete operations for managing user data.
- **Back-end:** Built a robust server with Node.js and Express.js to handle API requests.
- **Database:** Used MongoDB for efficient data storage and retrieval.
- **API Integration:** Created RESTful APIs to connect the front-end and back-end seamlessly.

Doctor Appointment Website

- **Project Objective:** Developed a Doctor appointment website using (MongoDB, Express, React, Node.js).
- **User Authentication:** Secure user registration and login functionality.
- **Doctor Profiles:** Detailed profiles for doctors including specialization, availability, and contact information.
- **Dashboard:** Personalized dashboards for patients and doctors.
- **Security:** Implemented JWT for secure authentication and authorization.