

MRIDUL DHIMAN

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🐙 Github

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About

Always keen towards learning new skills and applying the concepts by creating real world applications. Thriving on challenges, I'm passionate about tech innovation and collaboration. Transforming ideas into digital realities - one keystroke at a time.

Education

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| • Bharti Vidyapeeth Public School
<i>Higher Secondary Education; Percentage: 98.4</i> | Bajnath, Himachal Pradesh
<i>Mar' 21</i> |
| • Dr. B.R. Ambedkar National Institute of Technology
<i>Bachelor of Computer Science and Engineering; CGPA: 8.27/10.00</i> | Jalandhar, Punjab
<i>Dec' 21 – till date</i> |

Technical Skills

- **Languages:** C, C++, HTML, CSS, JavaScript, SQL
- **Databases:** MongoDB, SQL
- **Web:** Node.js, Express.js, React.js, REST API, GraphQL
- **Tools:** npm, Git, Postman

Projects

MangaVerse eCommerce Platform (MERN Stack)

- Engineered an Anime & Manga eCommerce platform with advanced features like dynamic product filtering and seamless cart management.
- Implemented optimistic updates, cache invalidation, and robust error-handling, ensuring a smooth user experience and data integrity. **(Jan' 24)**

BB Chat App (Websocket Service)

- Developed a real-time chat service using Node.js and Socket.io, enabling users to engage in chat rooms. Implemented features include notifications broadcasted to all users within the room upon a new user's entry or an existing user's departure **(July' 23)**

Guest House Room Booking System (Minor Project)

- Developed a Node.js and Express.js API for seamless user authentication and authorization, featuring robust error handling. Implemented real-time user updates through email notifications.

- Designed MongoDB models with a focus on cardinality relationships, enabling efficient and clean database queries. **(Nov. 23)**

Achievements

- Emerging Dev Prize in Pixel Perfect (Hackathon organized in NIT Jalandhar)
- Participated in Hackmol 4.0
- JavaScript Course Certification