

# MD TARIQUE HASAN

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## PROJECTS

### Project 1 - Portfolio (Frontend)

- Developed a responsive and interactive personal portfolio using React.js.
- Implemented Framer Motion for smooth animations and dynamic UI transitions.
- Designed a dark mode toggle for improved user experience.
- Showcased projects and skills in a structured and visually appealing layout.

### Project 2 - Blogging App (FullStack)

- Developed a full-stack blogging platform using MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented user authentication with JWT-based authentication and password hashing.
- Designed a CRUD system for users to create, read, update, and delete blogs and comments.
- Integrated Cloudinary for efficient image upload and storage in blogs.
- Structured the backend with RESTful APIs for handling users, blogs, and comments.
- Enhanced user experience with a responsive and interactive UI using React.js.
- Followed a modular folder structure for clean and maintainable code.
- Used MongoDB Atlas for database storage and Mongoose for schema validation.

### Project 3 - Task Manager (FullStack)

- Built a full-stack task management application using MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented user authentication and authorization using JWT and bcrypt for secure access.
- Developed RESTful APIs to handle task creation, retrieval, updating, and deletion.
- Integrated protected routes to ensure tasks are accessible only to authenticated users.
- Designed a responsive and user-friendly UI using React.js for seamless task management.
- Utilized MongoDB Atlas for cloud-based database storage and Mongoose for schema validation.
- Optimized API performance with efficient database queries and middleware handling.
- Ensured proper error handling and validation for a robust and scalable system.

## SKILLS

- **Languages:** HTML, CSS, JavaScript, TypeScript, C/C++, Python
- **Frameworks:** Tailwind CSS, Express.js, Next.js, Angular
- **Libraries:** React.js, Bootstrap, Redux, Framer Motion, GSAP
- **Tools:** Visual Studio Code, Git, GitHub, GitLab, Postman, Figma, Cloudinary
- **Databases:** MongoDB, PostgreSQL, SQL
- **Others:** REST API, JWT Authentication, Accessibility (a11y), Chart.js, Data Structures & Algorithms
- **Currently Learning:** Artificial Intelligence, Machine Learning, React Native

## ACHIEVEMENT

- Solved 250+ LEETCODE problems
- Solved 300+ GeeksForGeeks Problems

## CERTIFICATIONS

- “Responsive Web Design” from FreeCodeCamp. 
- “Legacy JavaScript Algorithms and Data Structures” from FreeCodeCamp. 

## EDUCATION

B.Tech, SRM Institute of Science and Technology, Chennai  
CGPA: 8.17

2020-2024

