# TUSHAR
## WEB DEVELOPER

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Github

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## Projects

### ONLINE HOMEWORK MANAGEMENT SYSTEM                    FRONTEND    BACKEND

- Delivered a high-performance web app with **MERN** stack to simplify homework and submission processes, boosting student performance.
- Used **AWS S3** to store homework and submissions securely and efficiently, reducing the load on the database and improving the performance of the web app.
- Integrated **JWT** for user authentication and authorization, achieving security and reliability.
- Utilized **MongoDB Atlas** for data storage, ensuring availability and scalability.
- Composed a responsive frontend with **bootstrap** and **react-bootstrap**, enhancing user experience.

### TODO APP API                                                        BACKEND

- Built and launched a **RESTful API** for a todo app using Node.js, Express, and MongoDB.
- Conducted **CRUD** operations for todos, allowing users to create, read, update, and delete tasks.
- Enhanced user interface with comprehensive **Swagger** documentation and error handling.
- Containerized the API using **Docker**, ensuring compatibility and scalability across platforms and environments.
- Verified the API using **Postman**, ensuring functionality and performance.

### VISITED PLACES APP                                     FRONTEND    BACKEND

- Developed a web app that enables users to share and explore their visited places.
- Ensured user authentication with **JWT**, achieving reliability and security.
- Applied **React Router** for seamless client-side routing, improving user experience.
- Connected **MongoDB Atlas** to store user information and data on visited places.
- Provided **image upload** functionality for users, enhancing user engagement.

## Education

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| **2021-24** | **BCA (Ongoing)** | Indira Gandhi National Open University |
| **2018-19** | **10+2 (PCM)** | RPVV Yamuna Vihar |

- Participated in State Level Science Exhibition
- Scored 90% in Computer Science

## Skills

- **Frameworks:** MERN (MongoDB, ExpressJS, ReactJS, NodeJS), Vite, NextJS, Swagger
- **Tools**: Git, VS Code, Postman, Docker.
- **Programming Languages:** HTML, CSS, JavaScript, TypeScript, SQL, Python, C++, C
- **Cloud Services**: AWS S3
- **Other Skill:** RESTful API design and implementation, Excellent communication., Strong work ethic and initiative.