

Ansh Wasan

+91 9310340866 | wasan.ansh@gmail.com | linkedin.com/in/Ansh Wasan | FrostyFeet.com | github.com/FrostyFeet-coder

EDUCATION

Guru Gobind Singh Indraprastha University

NOV.2022 – Present

Coursework: Data Structures Algorithms, C++, C, DBMS, Java, OOPS

Delhi, In

B.Tech Information Technology

Mahavir Senior Model School

2021 – 2022

Coursework: Computer Science , Python, SQL

Delhi, In

PROJECTS

QR Park Manager |

JavaScript,EJS, MongoDB, Express

- **Launched QR** code integration for vehicle tracking, reducing retrieval time by 40% and improving access to parking details with scannable codes.and enhancing ease of access to parking details through scannable codes
- **Engineered** a comprehensive parking management system enabling user registration, login, and QR code generation; boosted operational efficiency by 35% through dynamic dashboards for streamlined parking information updates and management..
- **Optimized** the database schema and queries, increasing system responsiveness and reducing data retrieval times by 20%.
- **Implemented** secure user authentication and data management with Node.js, Express, and MongoDB, ensuring robust data protection and efficient storage with JWT authentication.

E-Commerce Website |

HTML, CSS, JavaScript, RESTful API, MongoDB, NodeJS

- **Created** a full-stack e-commerce website with a responsive front end (HTML, CSS, JavaScript), backend (Node.js, Express.js), and MongoDB for data management, designing RESTful APIs for seamless client-server interaction.
- **Integrated** user authentication, product management, and shopping cart functionality, managing over 100 products with CRUD operations.
- **Enhanced** data retrieval efficiency by 25% through refined database queries and API endpoints.

Hotel Management System |

HTML, CSS, JavaScript, RESTful API, MongoDB, NodeJS

- **Designed** and developed a hotel management system to streamline booking and room management processes. Implemented user registration and basic room management, with plans for enhanced booking functionality and reception management and core features including user registration, login, and basic room management .
- **Strategized** future enhancements like booking functionality and reception management to drive a 30% increase in operational efficiency
- **Engineered** a booking module allowing users to book rooms in real-time, reducing manual booking errors by 40%.

Real Time Code Editor |

React, Node Js, Web sockets

- **Built** a collaborative real-time code editor supporting multiple programming languages with syntax highlighting, enabling simultaneous coding by up to 10 users.
- **Incorporated** WebSocket for real-time collaboration, reducing code synchronization latency by 50% and elevated front-end performance with React, resulting in a 30% improvement in load times and responsiveness.
- **Developing** an in-browser compiler to enhance immediate code execution and debugging capabilities.

CERTIFICATIONS

- **Full Stack (MERN) with System Design** (Coding Blocks — Nov'23 - June'24)
- **Data Structures and algorithms** (Coding Blocks — June'24 - present)

TECHNICAL SKILLS

Languages: Java, C/C++, TypeScript, JavaScript, HTML/CSS

Backend: NodeJS, MongoDb, Mongoose, MySQL, NoSQL, RESTful API

Frameworks/Library: ReactJS, Node.js, Express, BootStrap, ZOD

Developer Tools: Git, VS Code, Visual Studio, Linux/Unix