

# Mohammad Hasan Abbas

Full-Stack Developer (MERN) — Shopify App Developer

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## Technical Skills

**Languages:** JavaScript, TypeScript, Python, HTML, CSS

**Frontend:** React.js, Redux, Tailwind CSS, Material UI, Bootstrap, Next.js, Remix

**Backend:** Node.js, Express.js, REST APIs, GraphQL, Firebase, FastAPI, MongoDB, MySQL

**Others:** Git, GitHub, Docker, Vercel, AWS, Azure, DigitalOcean, Socket.io

## Experience

### Vowelweb

Jun 2023 – Present

*MERN Stack Developer*

*Nagpur, Maharashtra*

- Developed and maintained web applications using the MERN stack (MongoDB, Express, React, Node.js) and built cross-platform mobile apps with React Native, ensuring compatibility and compliance with store guidelines on the Google Play Store.
- Designed and implemented responsive user interfaces with React, leading to a 20% improvement in user satisfaction scores.
- Optimized database queries, reducing page load times by 15% and significantly improving application performance. Efficiently handled large datasets from CSV and Excel files on the server for processing and analysis.

### Profuse TransTech Solution

Jul 2022 – Jun 2023

*MERN Stack Developer*

*Nagpur, Maharashtra*

- Designed and implemented RESTful APIs (or GraphQL endpoints) supporting CRUD operations for user management, content, or application modules.
- Worked efficiently within a team, utilizing Git for version control to ensure smooth collaboration and maintain code integrity across development cycles.
- Contributed to the adoption of agile methodologies, Worked efficiently within a team, utilizing Git for version control to ensure smooth collaboration and maintain code integrity across development cycles.

## Projects

### DISCRETE RESTAURANT OPERATIONS MANAGEMENT APPLICATION | *React.js, Redux, Node.js, Express.js, MongoDB*

- Designed and developed a scalable full-stack application to streamline restaurant operations.
- Built robust modules for order processing, inventory management, table reservations, and staff scheduling, improving operational efficiency.
- Ensured responsive UI/UX and seamless backend integration to deliver a smooth and professional experience.

### React Native Employee Management Mobile Application | *React Native, Node.js, Express.js, MySQL, Socket.io*

- Developed a Playstore app with clock-in/out, leave requests, role-based dashboards, and announcements for efficient team management.
- Allows HR and team leads to track employee status, manage leaves, and post important updates.
- Integrated real-time one-on-one and group chat functionality using WebSocket and Socket.io, improving user engagement and reducing response time by 20%. Added support for emojis, file sharing, dark/light mode, and multilingual interface, enabling seamless and inclusive collaboration.

### CartKeeper Shopify Public Application | *Remix, React, Shopify Polaris, Firebase, MySQL, Google Pub/Sub, Green API*

- Developed and launched a Shopify public app to recover abandoned carts by sending personalized WhatsApp messages, resulting in a significant boost in cart recovery rates.
- Built an interactive admin dashboard to display recovery stats and enable store owners to send custom WhatsApp messages with fully configurable timing and content.
- Added subscription plans, including a free tier, and build using technologies like Firebase, Remix, MySQL, and Google Pub/Sub for robust app functionality and scalability.

## Education

**Anjuman College of Engineering and Technology (RTMNU)**

*Bachelor of Engineering in computer science (GPA: 8.96)*

Aug 2018 - Aug 2022

*Nagpur, Maharashtra*