

Mohd Bilal

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SUMMARY

MERN Stack Developer with experience building scalable web applications for 50+ active users. Proficient in full-stack development, optimizing frontend and backend performance to reduce page load time by 25% and ensure 99% uptime. Experienced in Agile methodologies and cloud deployment.

SKILLS

- **Frontend:** React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, REST APIs, JWT Authentication, Payment Gateway Integration
- **Database:** MongoDB, MongoDB Atlas
- **Tools:** Git, GitHub, Postman, Firebase, Deployment (Render and Vercel)
- **Programming:** C, Java, Object-Oriented Programming (OOP)

INTERNSHIP & TRAINING

- **React.js Trainee – The Entrepreneurship Network** *Aug 2025 – Oct 2025 (3 Months)*
Designed responsive, modular UI components using modern frontend frameworks and state management with Context API and Redux Toolkit, improving rendering speed by 20%.
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- **MERN Stack Trainee – WsCube Tech** *Jan 2025 – Jul 2025 (7 Months)*
Built full-stack applications with REST APIs and payment gateway integration, enhancing backend performance and database efficiency, and deploying on **Render, Vercel, and MongoDB Atlas** with high reliability.

PROJECTS

- **OneCart – E-Commerce Platform (MERN Stack)** *GitHub | Live Demo*
Managed 100+ products through the admin panel, integrating Razorpay payments and JWT authentication. Enhanced the frontend with React.js and Tailwind CSS for faster load times, and added voice recognition for hands-free interaction. Built reusable hooks to simplify future feature expansion.
- **Food Delivery Application — React, Tailwind CSS, Redux Toolkit** *GitHub | Live Demo*
Developed a food delivery platform with category filters and a persistent cart, reducing update latency by 30% through improved state management. Cart data is stored in Local Storage, and dynamic product rendering improves scalability.
- **AI Virtual Assistant — React, Gemini API, CSS** *GitHub | Live Demo*
Created an AI Virtual Assistant using Gemini API, offering real-time conversational responses with speech recognition and text-to-speech. Designed for cross-device compatibility with maintainable and reusable code components.

EDUCATION

- **Allenhouse Institute of Technology** *Aug 2021 – Jun 2025*
B.Tech in Computer Science and Engineering

CERTIFICATIONS

- **MERN Stack Development Certification – WsCube Tech** *View Certificate*
Completed hands-on training in MongoDB, Express.js, React.js, and Node.js, developing a sample e-commerce workflow with CRUD functionality.