

# Mohd Bilal

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LeetCode | GeeksForGeeks

## SUMMARY

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**MERN Stack Developer** skilled in **React.js, JavaScript (ES6+), Node.js, Express.js, MongoDB, and REST APIs**. Experienced in building scalable applications, secure authentication systems, and responsive web interfaces. Delivered projects including an **E-Commerce platform with integrated payment gateway** and an **AI-powered virtual assistant**. Completed **MERN Stack Certification at WsCube Tech**. Proficient in **Agile, Scrum, and SDLC practices**, eager to contribute to innovative and high-impact software solutions.

## SKILLS

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

## PROJECTS

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- **OneCart – E-Commerce Platform (MERN Stack)** GitHub | Live Demo
  - Developed a Full-Stack E-Commerce platform supporting **100+ products and 50+ active users**.
  - Integrated the **Razorpay payment gateway** for secure online transactions.
  - Implemented **JWT-based authentication** with product management, shopping cart, and order tracking.
  - Enhanced UI using **React.js + Tailwind CSS**, reducing page load time by **25%**.
  - Deployed on **Render with MongoDB Atlas**, achieving **99.9% uptime**.
- **Food Delivery Application — React, Tailwind CSS, Redux Toolkit** GitHub | Live Demo
  - Designed a responsive food delivery platform with category filters, cart persistence, and local storage.
  - Managed state effectively using **Redux Toolkit and Context API**.
  - Ensured seamless cross-device responsiveness with Tailwind CSS.
  - Improved user experience by lowering cart update latency by **30%**.
- **Artificial Intelligence (AI) Virtual Assistant — React, Gemini API, CSS** GitHub | Live Demo
  - Built an **AI-powered virtual assistant** delivering real-time responses using the Gemini API.
  - Integrated **Speech Recognition and Text-to-Speech (TTS)** for natural communication.
  - Designed an adaptive UI ensuring smooth access across devices.
  - Implemented **modular, reusable React components** for scalability and easy feature integration.

## EDUCATION

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**Allenhouse Institute of Technology**  
B.Tech in Computer Science and Engineering

*Aug 2021 – Jun 2025*

## CERTIFICATIONS

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**MERN Stack Development Certification – WsCube Tech**

Hands-on training in **MongoDB, Express.js, React.js, Node.js**. Built modules including scalable applications,