

# Vishal Kumar

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## Education

**Bengal College of Engineering and Technology, Durgapur**

**Oct. 2022 – June 2026**

Bachelor of Technology in Computer Science

## Technical Skills

- **Programming Languages:** C++, Java
- **Web Technologies:** React.js, Node.js, Express.js, RESTful APIs
- **Databases:** MongoDB, MySQL
- **Developer Tools:** Git, GitHub Actions (CI/CD), Vercel, Postman, Jest
- **Core Competencies:** Data Structures & Algorithms, DBMS, OOPs, SDLC, RESTful APIs, Agile Practices
- **Profiles:** GeeksforGeeks | LeetCode | GitHub

## Experience

**MERN Stack Development Intern**

**August 2025 – September 2025**

Ardent Computech Pvt. Ltd.

- Developed a full-stack Food Delivery application using the MERN stack with secure authentication, restaurant listings, menu management, cart functionality, and real-time order tracking.
- Built scalable RESTful APIs with MongoDB, optimizing performance and architecture to support efficient order processing, smooth user experience, and future feature expansion.

**Full Stack Development Intern**

**July 2025 – August 2025**

Optifyx Technology

- Developed a full-stack E-Commerce platform using the MERN stack with secure authentication, product catalog and inventory management, shopping cart, order management, and integrated online payment gateways.
- Built scalable and secure RESTful APIs with MongoDB, optimizing performance and backend architecture to ensure smooth checkout, reliable transaction handling, efficient order processing, and future scalability.

## Projects

**Job Portal Web Application - Live**

**MERN Stack, JWT Authentication, Cloudinary**

- Developed a full-stack Job Portal using the MERN stack with job postings, candidate applications, recruiter dashboards, and role-based authentication.
- Built scalable RESTful APIs with MongoDB, implementing secure access control and advanced job search filters.

**AI Virtual Assistant Platform - Live**

**MERN Stack, Gemini AI, JWT Authentication**

- Developed an AI Virtual Assistant using the MERN stack and Gemini AI with context-aware responses, real-time chat, dynamic dashboards, and secure authentication.
- Built scalable APIs, optimized data handling, and interactive UI with analytics and intelligent automation to enhance performance, insights, and multi-application integration.

**GreenCart – Grocery Delivery Platform - Live**

**MERN Stack, JWT Authentication, Razorpay**

- Developed GreenCart, a full-stack grocery delivery platform using the MERN stack with real-time inventory updates, secure authentication, cart processing, and responsive UI.
- Implemented scalable backend APIs with order management, payment integration, delivery tracking, and dynamic dashboards to optimize operations and support future growth.

## Achievements & Certifications

**TechSprint – Open Innovation Hackathon 2025:** Building an AI-powered Invoice application using the MERN stack, featuring automated invoice generation, data extraction, real-time processing, and a scalable, user-friendly interface.

**Google Study Jam 2025:** Collaborated with peers to enhance cloud skills and gained hands-on experience with Google Cloud technologies.

**Mentor – GSSoC'25:** Selected as a mentor to guide participants in open-source development, code reviews, and technical mentorship to improve project quality and collaboration.

**GDG onCampus Solution Challenge:** Participated in a Hack2Skill-powered challenge, developing innovative solutions using modern technologies to solve real-world problems through teamwork.

**GeeksforGeeks 160 Days DSA Course:** Mastered advanced data structures, algorithms, and optimization techniques. — Certificate