

# Karan Kumar

WEB DESIGNER & DEVELOPER

## CONTACT

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## ABOUT ME

Passionate MERN Stack Developer with a deep love for creating scalable, high-performance web applications. Specializing in React, Next.js, Node.js, and MongoDB. I have solved 500+ problems on LeetCode, focusing on optimizing solutions for time and space complexity. I am eager to collaborate and take on new challenges in full-stack development.



## EXPERIENCE / PROJECTS

### • Triangle Conquest | Multiplayer Web Game

- Created a real-time multiplayer territory capture strategy game using React and Firebase Firestore.
- Developed a custom HTML5 Canvas rendering engine for high-performance graphics and interactions.
- Implemented complex graph algorithms for triangle detection and real-time state synchronization.

### • FlipZone — Modern E-Commerce

- FlipZone is a fully functional, high-fidelity e-commerce web application designed to replicate the complexity of major platforms like Flipkart or Amazon. The goal was not just to build a UI, but to architect a scalable frontend application that handles complex state management, data filtering, and user persistence without a backend.
- The project features a distinct "Next-Gen" aesthetic, moving away from generic bootstrap templates to a custom-designed interface using Tailwind CSS variables. It allows users to browse products, filter by dynamic categories, manage a shopping cart, maintain a wishlist, and simulate a secure checkout process.

## EDUCATION

- 2022-2025

### Bachelor Degree

- Bachelor of Computer Science from CCS University Meerut
- Focused on Computer Science fundamentals, DSA, and Web Technologies.

## SOFTWARE (SKILLS)

- **Frontend:** React.js, Next.js, Tailwind CSS
- **Backend:** Node.js, Express, Socket.io
- **Database:** MongoDB, MySQL, Prisma
- **Languages:** JavaScript, TypeScript, C++ (DSA)

## INTERESTS

- LeetCode (500+ Problems)
- System Architecture
- UI/UX Design

## Socials

- [Portfolio](#)
- [GitHub](#)
- [Instagram](#)
- [Telegram](#)
- [Facebook](#)