VIJAY KUMAR

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in vijay-dev07 | ⓞ vijayy75 | 🎯 vijay_0705 | 🌐 Portfolio

OBJECTIVE

Full-stack developer skilled in building scalable web apps using the MERN stack and TypeScript. Proficient in both SQL (PostgreSQL) and NoSQL (MongoDB) databases, with experience in secure APIs and responsive UI development. Strong problem-solver with a focus on clean code, real-world impact, and continuous learning.

SKILLS

- **Languages & Core Concepts**
  JavaScript (ES6+), TypeScript, C++, HTML5, CSS3, OOP, Data Structures & Algorithms
- **Frontend Development**
  React.js, Tailwind CSS, Bootstrap, Responsive Design, State Management
- **Backend Development**
  Node.js, Express.js, RESTful APIs, JWT Authentication, Role-Based Access Control (RBAC)
- **Databases**
  MongoDB, Mongoose, PostgreSQL, CRUD Operations, Schema Design & Normalization
- **Tools & Engineering Practices**
  Git, GitHub, Postman, MVC Architecture, Stripe Integration, API Testing
- **Soft Skills**
  Interpersonal Skills, Problem-Solving, Communication, Time Management, Attention to Detail, Critical Thinking

PROJECTS

FreshCart – Grocery Delivery Web App [ⓞ]

- **Tech:** MERN Stack, Stripe, PostgreSQL, Tailwind CSS
- Developed a full-stack grocery eCommerce app with user and seller portals, enabling real-time shopping and inventory control.
- Built secure online payment functionality using Stripe API for smooth checkout experiences.
- Designed responsive UI with Tailwind CSS to optimize cross-device usability.
- Built secure admin dashboard with role-based access for managing 50+ SKUs, orders, and inventory.

Course Selling Platform [ⓞ]

- **Tech:** Node.js, Express.js, MongoDB, Mongoose, JWT, Cookies, Zod
- Developed the backend for a course selling platform, enabling user registration, login, and course purchase flows.
- Implemented secure session-based authentication using JWT and cookies, with protected routes for role-based access.
- Designed scalable MongoDB schemas for users, courses, and orders, ensuring clean data relationships and validation.
- Used Zod to validate incoming API requests, ensuring type-safe and structured data handling throughout the backend.
- Built RESTful APIs to manage user operations, course access, and admin functionalities.

EDUCATION

Chaibasa Engineering College	2021 - 2025
B.Tech in Electronics and Communication Engineering	
PVSS DAV PUBLIC SCHOOL	2019 - 2021
Intermediate 76.8%	
PVSS DAV PUBLIC SCHOOL	2019
Matriculation 81%	