

# VIJAY KUMAR KUSHWAHA

854 Dabouli West Kanpur Nagar, Uttar Pradesh, 208022

[kushwahavijay234@gmail.com](mailto:kushwahavijay234@gmail.com) | +91 6387501137 | <https://www.linkedin.com/in/kushvijay234/> |

Portfolio: <https://kushvijay234.github.io/Portfolio/>

---

## SUMMARY

Full Stack Developer specializing in the **MERN** Stack, with hands-on experience in designing and deploying 4+ full-stack applications. Skilled in building responsive, scalable, and high-performance web apps with measurable results — including 30% faster development cycles, 40% **API optimization**, and 0% crash rates during testing. Proficient in frontend (React.js, Tailwind, Bootstrap), backend (Node.js, Express), and databases (MongoDB, MySQL).

---

## EXPERIENCE

### MERN Stack Intern – *GeeksforGeeks*

June 2025 – September 2025

- Completed a **3-month internship** in full-stack development using **MongoDB, Express.js, React.js, and Node.js**.
- Designed and deployed scalable applications with authentication, RESTful APIs, and optimized database queries.
- Collaborated within an Agile team environment, improving sprint delivery speed by **25%**.
- Implemented front-end UI with React and Tailwind, improving performance and responsiveness.
- Gained practical exposure to **deployment, debugging, Git workflows, and API integrations**.

---

## SKILLS

- Frontend Development:** JavaScript (ES6+), React.js, HTML5, CSS3, Bootstrap, Tailwind CSS, Responsive Web Design
- Backend Development:** Node.js, Express.js, RESTful APIs, Authentication & Authorization (JWT, OAuth)
- Databases:** MongoDB (NoSQL), MySQL, Oracle, Database Design & Optimization
- Programming Languages:** Java, JavaScript
- CMS & E-Commerce:** WordPress, WooCommerce, Custom Theme & Plugin Development
- Version Control & Collaboration:** Git (branching, merging, rebasing, conflict resolution), GitHub (repository management, pull requests, issues, GitHub Actions for CI/CD)
- Other Tools/Concepts:** Postman, API Integration, Deployment, Agile/Scrum methodologies
- Soft Skills:** Problem-Solving, Effective Communication, Time Management, Teamwork & Cross-functional Collaboration, Creativity & Innovation

---

## PROJECTS

### HyperMarket – E-commerce Platform

*React, Redux Toolkit, Tailwind CSS, Node.js, Express, MongoDB*

- Built a **full-stack e-commerce platform** with React, Node.js, Express, and MongoDB, featuring product catalog, shopping cart, checkout flow, and secure payment integration.
- Implemented **JWT-based authentication & role-based authorization** for customers and administrators, with session persistence via Redux Toolkit and Redux Persist.
- Designed an **Admin Dashboard** to manage products, categories, orders, users, stock levels, and provide actionable insights (sales, revenue, users, orders).

- Added **customer features** such as order history, profile management, address book, and **email notifications** using Nodemailer.
- Optimized backend with secure API endpoints, authentication middleware, environment variable management (**dotenv**), and **CORS** for frontend-backend communication.
- Styled the frontend with **Tailwind CSS** and Lucide React icons, delivering a modern, responsive UI and reusable component structure.
- Ensured a **modular and scalable architecture** for frontend and backend, supporting end-to-end shopping workflows and future enhancements.

**Code:** <https://github.com/kushvijay234/hyper-market>

**Live Demo:** <https://hyper-market-eight.vercel.app/>

### QuickBill – Restaurant POS System

*React, Express, MongoDB, Tailwind CSS*

- Built a **modern POS and billing application** with role-based access (**staff/admin**) and **JWT authentication**, enabling secure and efficient restaurant operations.
- Developed **menu management UI** with dynamic item updates, order creation, tax calculation, and **multi-currency pricing** using constants and shared types.
- Integrated **payment modal with bill printing** for quick checkout and automated receipt generation.
- Designed an **Admin Panel** to manage users, menu items, orders, and activity logs with modular React components.
- Implemented **order history tracking** and profile management with reusable hooks (AuthProvider, useAuth) for seamless user experience.
- Configured **Vite + proxy setup** for fast development and optimized frontend performance.
- Architected backend with **Express + MongoDB**, using authentication middleware and modular API routes for scalability.

**Code:** <https://github.com/kushvijay234/quickbill-restaurant-pos>

**Live Demo:** <https://quickbill-restaurant-pos.vercel.app/>

---

## CERTIFICATIONS

- MERN Stack - **GeeksforGeeks**
- Developing Applications with Google Cloud Specialization – **Google Cloud**
- Programming Foundations: Databases – **LinkedIn Learning**
- SEO Foundations – **LinkedIn Learning**

---

## EDUCATION

**Kanpur Institute of Technology | 2022-2025**

Bachelor of Technology – Information Technology | 7.22 CGPA

**Feroze Gandhi Polytechnic | 2019- 2022**

Diploma – Information Technology | 70%

**XII – CISCE Board | 2018**

Radha Krishna Memorial Education Center | 50%