

# Ajay Kumar

Full Stack Developer

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## Professional Summary

Full Stack Developer (MERN + Vue.js) with 1.5 years of hands-on experience building scalable, production-grade apps. Proven record improving performance by up to 40% and shipping 10+ client projects end-to-end — from backend logic to cloud deployment. Strong in problem-solving, clean code, and system design.

## Technical Skills

**Languages:** JavaScript, TypeScript, Java, SQL

**Frontend:** React.js, Vue.js, Redux, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI

**Backend:** Node.js, Express.js, Nest.js, REST APIs, Socket.io

**Databases:** MongoDB, Mongoose, MySQL

**DevOps & Tools:** Git, GitHub, Linux, Nginx, SSL, Deployment, Jira

**Other:** Data Structures & Algorithms, Problem Solving, Agile Methodologies

## Experience

### Software Developer

#### Lifelayer Health Solutions Pvt. Ltd.

Gurgaon, Haryana

December 2024 - Present

- Engineered a complete doctor appointment booking system with doctor planner, booking slots, patient booking lists, and prescription creation with payment integration, reducing code-base by 30% and improving system speed by 20%.
- Developed a comprehensive CRM system for medical professionals using Vue.js, Node.js, and MongoDB, improving operational efficiency by 25% through streamlined patient management and appointment scheduling.
- Built a real-time notification system (Socket.io + Vue.js), cutting communication latency by 40% across app modules.
- Designed and implemented advanced MongoDB aggregation pipelines for complex data analysis, improving report generation speed by 30% while maintaining clean, maintainable code.
- Contributed to the GNR analytics module, creating efficient data aggregation pipelines from multiple sources (purchase orders, consignments) to extract actionable business insights.

### Full Stack Web Developer

#### Hannanth Digital India Private Limited

Bikaner

April 2024 - November 2024

- Developed and delivered 10+ complete web applications for clients across various domains including tarot, finance management, and startup websites, achieving 100% client satisfaction.
- Implemented 15+ feature enhancements and bug fixes to the company website, improving functionality and user experience ratings by 35%.
- Optimized application performance, achieving 20% faster response times through code optimization and reducing space complexity.
- Reduced page load time from 2s to 0.8s through advanced optimization techniques, improving user engagement by 25%.
- Created fully customizable websites using the MERN stack, enabling clients to easily modify content, layouts, and features according to their specific business requirements.

## Education

### Dr. APJ Abdul Kalam Technical University

B.Tech in Computer Science

CGPA: 7.0/10

July 2024

### RLSCS Vidya Mandir

Intermediate (Class 12)

Percentage: 82%

March 2020

## Projects

### Full-Stack Startup Websites (GNT India, TarotbyDeepa)

- Developed feature-rich startup websites with dual authentication, admin panels, payment integration, and Dialogflow chatbot, enhancing user experience and functionality.
- Integrated OpenAI API to automate website creation, reducing development time from hours to under 2 minutes.
- Implemented complete CRUD operations for dynamic content management and deployed on VPS using Nginx for optimal performance.
- Tech:** React.js, Node.js, Express.js, MySQL, Tailwind CSS, OpenAI API, Nginx, Linux
- Live:** <https://www.gntindia.com/>
- Live:** <https://tarotbydeepa.com/>

### Smart Delivery & Restaurant Management System (Zomato-like Platform)

- Developed a full-stack MERN platform supporting three user roles: **Customer**, **Shop Owner**, and **Delivery Partner**.
- Integrated live location tracking, real-time notifications, OTP & image verification for deliveries, and dynamic dashboards showing sales, earnings, and delivery analytics.
- Implemented owner-side shop management, order tracking, and assignment features with socket-based updates; delivery partners share live location and verify completion via OTP.
- Integrated payment gateway and Google Maps API for nearest shop detection and navigation.
- Live:** <https://delivery-system-l3z3.vercel.app>

### Story Sharing system

- Built a platform for sharing stories using the MERN stack, including features for user registration, story creation, and content management.
- Implemented WebSocket-based communication using Socket.IO to facilitate live, two-user testing sessions.
- Tech:** React, Node.js, Express, MongoDB, Socket.IO, CSS Modules
- Live:** <https://swip-tory-six.vercel.app/>

### E-commerce Web Application

- Built a full-featured e-commerce app with product listings, cart management, and secure checkout process integrated with Stripe payment gateway.
- Tech:** React, Node.js, Firebase, Stripe, Bootstrap
- Live:** <https://65dcca3e9b6a8806754a8780--beautiful-pixie-3874.netlify.app/>

### TestSync – Real-Time Exam Platform

- Engineered a full-stack exam platform supporting self-assessment, timed tests, and real-time result analytics.
- Implemented WebSocket-based communication using Socket.IO to facilitate live, two-user testing sessions.
- Live:** <https://quizze-nine.vercel.app/>

## Certifications

- DSA & MERN Stack Development - Cuvette

## Practice Projects

- Notes Web App - <https://65d0600d5624ed53d961208c--fantastic-b.netlify.app/>
- Fashion E-commerce Web App - <https://front-ecom-eight.vercel.app/>

## Internship

- Completed 7-month intensive internship at Cuvette Tech (September 2023 - March 2024), gaining hands-on experience in full-stack development and real-world project implementation
- certificate:** [https://www.linkedin.com/in/ajaykumarcse/overlay/1750597252859/single-media-viewer/?profileId=ACoAADr8hsQB9GYGjQjwbWJPLaq2z339\\_TRBL0c](https://www.linkedin.com/in/ajaykumarcse/overlay/1750597252859/single-media-viewer/?profileId=ACoAADr8hsQB9GYGjQjwbWJPLaq2z339_TRBL0c)