Ashish Kumar

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Summary

Passionate web developer with hands-on experience building responsive, scalable applications using the MERN stack. Skilled in React.js, Node.js, and RESTful APIs with a strong foundation in data structures and algorithms. Dedicated to writing clean, maintainable code and delivering impactful user experiences.

Education

Army Institute of Technology   **Aug. 2023 – Jun 2027**
Bachelor of Engineering in Computer Engineering   *CGPA – 8.84*
Army Public School   **2019 – 2021**
Class XII   *Percentage – 95.6%*
Class X   *Percentage – 90.8%*

Projects

Social Marketplace Platform | *MERN, Redux, Firebase Auth, Cloudinary, WebSockets*   **Mar 2025 - Jun 2025**
- Built a full-stack social commerce platform with features like posting, liking, commenting, and user following.
- Implemented real-time chat using WebSockets with instant notifications and active user status.
- Integrated Firebase Auth for secure user management and Cloudinary for optimized image storage.
- Designed responsive dynamic product feeds, seller dashboards, and user profiles using Redux Toolkit.
- Enabled sellers to track product reach, likes, and comments through in-app analytics.

E-Commerce Platform | *React, Node, Express, MongoDB, Stripe, Firebase Auth, Tailwind CSS*   **Aug 2024 - Nov 2024**
- Developed a scalable multi-vendor e-commerce platform with user authentication and real-time stock updates.
- Integrated Stripe payment gateway to enable secure checkout and transaction workflows.
- Implemented role-based access control for admins, vendors, and customers, along with an interactive sales dashboard.
- Designed responsive UI using Tailwind CSS, with modular architecture and clean codebase for maintainability.
- Added an AI-powered recommendation engine to improve product discovery and enhance user experience.

Hospital Management System | *C++, OOPs, File-Based Data Management*   **Jan 2024 - Mar 2024**
- Developed a comprehensive system to streamline administrative, clinical, and operational activities within a hospital.
- Implemented key modules including Patient Management, Appointment Scheduling, and Ambulance Tracking.
- Utilized object-oriented principles in C++ to build a modular, maintainable, and scalable system.
- Focused on efficient data handling using file-based storage, enabling offline access and easy retrieval.

Technical Skills

Languages: C++, Python, JavaScript, HTML, CSS
Frameworks & Libraries: React.js, Express.js, Tailwind CSS
Backend & APIs: Node.js, Express.js, REST APIs, Firebase Auth
Databases: MongoDB, PostgreSQL, MySQL
DevOps & Deployment: Docker, GitHub Actions, Render, Vercel, Netlify
Tools & Others: Git, GitHub, VS Code, Postman, Figma, Bash

Achievements

- Solved 500+ DSA problems on various platforms

Relevant Coursework

- Data Structures and Algorithms
- Operating Systems
- Database Management Systems (DBMS)
- Computer Networks (CN)
- Object-Oriented Programming (OOPs)