

ASHISH KUMAR

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🌐 [portfolio](#)

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🐙 [github](#)

Summary

Passionate software engineer 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

Bachelor of Engineering in Computer Engineering

Aug. 2023 – Jun 2027

CGPA – 8.84

Army Public School

Class XII

2019 – 2021

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)