

# ASHISH KUMAR

Pune, Maharashtra

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## Summary

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Enthusiastic Software Developer with experience in building backend services using Node.js and Express.js, and managing databases such as MongoDB and MySQL. Proficient in JavaScript, C++, and core web technologies (HTML, CSS). Skilled in implementing RESTful APIs, JWT-based authentication, and deploying applications on Vercel. Skilled in using Git/GitHub for version control and Postman for API testing. Passionate about writing clean, efficient code and optimizing application performance.

## Education

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**Army Institute of Technology**

*Bachelor of Engineering in Computer Engineering*

**Aug. 2023 – Jun 2027**

*CGPA – 8.84*

## Projects

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**Social Marketplace Platform** | *MERN, Redux, Firebase Auth, Cloudinary, WebSockets*

**June 2025 - Present**

- 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*

**Mar 2025 - May 2025**

- 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.

**Task Manager Web App** | *Node.js, Express.js, MongoDB, HTML, CSS, JavaScript*

**Feb 2025**

- Developed a full-stack task management application with user authentication and CRUD operations for tasks.
- Implemented JWT-based authentication for secure login and session management.
- Built RESTful APIs using Express.js and MongoDB with proper middleware for authorization.
- Designed a dark-themed, responsive UI using HTML, CSS, and JavaScript for a smooth user experience.
- Added features to add, edit, mark complete/undo, and delete tasks with instant updates using Fetch API.
- Integrated persistent authentication using localStorage to maintain user sessions.

## Technical Skills

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**Languages:** C++, JavaScript, HTML, CSS

**Backend & APIs:** Node.js, Express.js, REST APIs, JWT Auth

**Databases:** MongoDB, MySQL

**DevOps & Deployment:** Vercel

**Tools & Others:** Git, GitHub, VS Code, Postman, Bash

## Achievements

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- Solved 200+ DSA problems on various platforms

## Relevant Coursework

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