JASHANPREET SINGH

ASPIRING SOFTWARE DEVELOPER

CONTACT

- +91 6280079263
- jpsgill20@gmail.com
- Amritsar,Punjab,India
- portfolio website soon

SKILLS

- JavaScript (ES6+)
- Node.js
- React.js
- Next.js (Basic)
- C++
- Java (Beginner)
- MongoDB
- SQL / MySQL
- REST APIs
- Data Structures & Algorithms
- Object-Oriented Programming (OOP)
- Git & GitHub

LANGUAGES

- English (Fluent)
- Hindi / Punjabi (if applicable)

ACHIEVEMENTS

- Built multiple real-time full-stack applications using Socket.io and MongoDB
- Strong problem-solving skills with consistent DSA practice
- Experience working with real-time systems, authentication, and scalable APIs

PROFILE

Motivated computer science undergraduate with hands-on experience in full-stack development using JavaScript, Node.js, React, and MongoDB. Built real-time collaborative applications and AI-powered platforms, focusing on scalable backend systems and user-centric design. Strong problem-solving skills with a solid foundation in C++ and growing expertise in Java.

PROJECTS

CodeSync – Real-Time Collaborative Code Editor
Tech Stack: Next.js, TypeScript, Socket.io, Monaco Editor, MongoDB, NextAuth
- Built a real-time collaborative code editor supporting simultaneous multi-user editing with instant synchronization.
- Implemented live cursors, typing indicators, participant list with avatars, integrated chat, and multi-file support.
- Used Socket.io for low-latency real-time communication and MongoDB for persistent code and user data storage.
- Focused on collaborative UX, real-time state management, and scalable web architecture.

HealthMate – AI-Powered Healthcare & Patient Management Platform
Tech Stack: React, Node.js, MongoDB, JavaScript, REST APIs
- Developed a full-stack healthcare platform for patients and doctors to manage health data and appointments.
- Built patient dashboards with symptom tracking, AI-powered health suggestions, and appointment booking.
- Implemented a doctor panel for consultation management and patient monitoring.
- Emphasized user-centric design, AI integration, and scalable backend services

Local Session Collaboration System with Chat & Audio (In Progress)
Tech Stack: Node.js, JavaScript, Socket.io, SQL
- Developing a session-based collaboration system allowing users to join and leave local sessions dynamically.
- Implementing real-time chat and audio communication within and outside active sessions.
- Building a shared real-time whiteboard to support visual collaboration during sessions.
- Focusing on session lifecycle management, real-time messaging, and scalable backend architecture.

EDUCATION

Bachelor of Computer Science And Engineering   2023-2027
Department of Computer Engineering And Technology | Guru Nanak Dev University

Current GPA: 8.68
Year of Graduation: 2027