

# Aman Singh

Linkedin: <https://www.linkedin.com/in/aman-singh-54435b252/9>  
Github: <https://github.com/Aman-singh177>

Email: [amansingh17730@gmail.com](mailto:amansingh17730@gmail.com)  
Mobile: +91-9650123620

## SKILLS

**Languages:** C/C++, Javascript, Python, HTML, CSS

**Frameworks:** React.js, Tailwind, Node, Express

**Databases:** MongoDB

**Skills:** Data Structures & Algorithms, OOPs, Database Management System, Computer Networks, Operating System, SQL.

## Projects

### Real-Time Communication Development with WebRTC

Jan 2025 - Apr 2025

- Developed and integrated real-time audio/video communication features using WebRTC, enabling seamless peer-to-peer connectivity and low-latency streaming.
- Designed and implemented secure signaling workflows and configured STUN/TURN servers for efficient session management and reliable NAT traversal.
- Optimized cross-browser compatibility and performance to ensure consistent real-time communication across diverse platforms.

### E-Commerce Website

Jan 2025 - Feb 2025

- Designed and developed a fully functional e-commerce website with user-friendly UI, product listings, cart management, and secure checkout.
- Implemented features like user authentication, order tracking, and dynamic product filtering for enhanced user experience.
- Integrated payment gateway and optimized performance for responsive, cross-device compatibility.

### Interactive Tic-Tac-Toe Game Using JavaScript

Aug 2024 - Sep 2024

- Built a browser-based Tic-Tac-Toe game with clean UI and interactive gameplay using HTML, CSS, and JavaScripts.
- Implemented game logic to handle player turns, win/draw conditions, and game resets dynamically.
- Enhanced user experience with responsive design and smooth DOM manipulation for real-time updates.

## Certifications

- DSA Self-Paced Course – GeeksforGeeks Aug 2024
- C++ Programming Course – Geeksforgeeks Apr 2025

## Achievements

- **Solved 250+ problems on LeetCode**, demonstrating proficiency in advanced data structures and algorithms. **Profile Link**
- Actively engaged in Coding Ninjas platform through problem-solving, MCQs, and concept-based assessments to strengthen core programming fundamentals. **Profile Link**
- Solved 300+ problems across platforms like GeeksforGeeks, building strong command over DP, graphs, and trees. **Profile Link**

## Education

### Lovely Professional University, Jalandhar

Bachelor of Technology in Computer Science and Engineering

Since Aug 2022

Phagwara, Punjab

### Kendriya Vidyalaya, Halwara

Intermediate

April 2019 - April 2021

Ludhiana, Punjab

### Air Force School, Halwara

Matriculation

April 2018 - March 2019

Ludhiana, Punjab