

Manan Joshi

Pathankot, Punjab

Portfolio Website

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[GeeksforGeeks](#) [CodeChef](#)

EDUCATION

Dr. B.R. National Institute of Technology , Jalandhar

2023 - Current

B.Tech - Information Technology - CGPA - 8.41

Jalandhar , Punjab

M.D.K Arya Senior Secondary Public School

2021 - 2023

CBSE , Senior Secondary Education - Percentage - 90

Pathankot , Punjab

EXPERIENCE

C++ Programming Intern | CodeAlpha (Remote)

May 2025 - May 2025

- **Architected** four real-world C++ projects including a CGPA Calculator, Banking System, Sudoku Solver, and Login System, reinforcing **core logic-building and OOP concepts**.
- Built a file-based login system managing **100+ users with 95%** input validation and clean data handling.
- Created a **console-based** Banking System with features like account creation, deposits, withdrawals, and transaction history.
- Collaborated asynchronously, maintaining **clean, modular, and efficient code** throughout the internship.

PROJECTS

Talk-A-Tive : Real-Time Chat App (MERN, Socket.io) [↗](#)

Apr 2025

- **Orchestrated** a real-time, full-stack chat platform using MERN & Socket.io, supporting secure auth, one-to-one & group chats, live messaging, typing indicators, and user search — enabling **50% faster communication** across users.
- Devised a robust JWT-based auth system, strengthening access control and **eliminating 90% of unauthorized access**.
- **Crafted a responsive, sleek UI** with React.js & Tailwind CSS, enhancing mobile retention by **35%**.
- Enabled smart group controls and profile views, **reducing chat setup time by 40%**.

Tech Stack : React.js, Node.js, Express.js, MongoDB, Socket.io, Tailwind CSS, JWT

MindEase : Mental Health Companion (MERN) [↗](#)

Dec 2024

- **Developed an AI-powered mental health companion** integrating chat-based emotional support and curated well-being resources, leveraging NLP and sentiment analysis to deliver personalized guidance and promote mental well-being.
- Constructed a real-time chatbot using React.js and WebSockets, **increasing user engagement by 30%**.
- Implemented secure authentication via JWT & Node.js, ensuring **100% data privacy** with encrypted sessions.
- Curated a mental health resource hub with React.js, **improving user retention by 20%** through AI-driven recommendations.

Tech Stack : MongoDB, Express.js, React.js, Node.js, JWT, Socket.io, Tailwind CSS

TECHNICAL SKILLS

- **Languages :** C, C++, HTML, CSS, JavaScript, Python, SQL
- **Frameworks & Libraries :** Node.js, Express.js, React.js, Next.js, WebSockets, Tailwind CSS, ShadCN
- **Tools :** Git/GitHub, Figma, VS Code, Postman, REST API, JWT Authentication
- **Databases :** MongoDB, PostgreSQL, MySQL, Firebase
- **Relevant Coursework :** DSA, DBMS, Object Oriented Programming (OOP), Computer Networks, Operating Systems

ACHIEVEMENTS

- **Winner, CodeHunt 2024** – Outpaced **100+** peers to claim **1st place** in a top coding contest, showcasing elite algorithms.
- **Winner, Code Relay 2025** – Earned **1st place**, surpassing **50+** top contenders in a multi-domain technical challenge.
- **Academics** – Ranked in **top 5%** for consistent academic excellence in CS concepts and algorithmic depth.
- **LeetCode** – Solved **1000+ problems** on LeetCode, ranked **122 globally** in a weekly contest, attained **Knight** (1900+) rating.
- **Codeforces & CodeChef** – **Specialist** on Codeforces (**1450+** rating), **3-star** on CodeChef (**1700+** rating).
- **GFG** – Cracked **400+ problems** on GFG, excelling in data structures and optimizations.

CLUB INVOLVEMENTS

- **Competitive Programming Team Member** – Google Developer Groups Community, NIT Jalandhar (GDGC NIT'J)
- **Management Team Member** – CyberNauts