

# ANKIT GUPTA

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## EDUCATION

### Lovely Professional University

Bachelor of Technology - Computer Science and Engineering; CGPA: 6.98

Punjab, India

Aug 2023 – Present

### New Central Public Academy

Intermediate; Percentage: 62.4

Uttar Pradesh, India

Mar 2021 – Apr 2022

### St. Xavier's School

Matriculation; Percentage: 76

Uttar Pradesh, India

Mar 2019 – Apr 2020

## PROJECTS

**IndiChessClone** | Spring Boot, Java, React.js, TypeScript, WebSocket, PostgreSQL, Tailwind CSS **Link** Jan 2026

- Developed a full-stack real-time online chess platform enabling user authentication, matchmaking, and live gameplay using WebSocket-based communication.
- Implemented a secure backend with Spring Boot, JWT authentication, and role-based access control, ensuring protected APIs and reliable session management.

**Virtual ICU Visits** | HTML, Tailwind CSS, JavaScript, PHP, WebRTC **Link** Apr 2025

- Implemented a secure role-based authentication system for Doctors, Patients, and Family Members using PHP and MySQL, ensuring privacy and controlled access.
- Developed real-time messaging and virtual video visits using WebRTC, enabling instant communication and secure scheduling with automated notifications for ICU families and staff.
- Created responsive UI and patient management features using Bootstrap, allowing doctors to update health logs and family members to view status updates seamlessly across devices.

**Resumind** | React.js, React Router, Node.js, JavaScript, Tailwind CSS, Puter.js, Gemini API **Link** Oct 2024

- Devised an intelligent resume analysis system powered by AI to evaluate and align candidate profiles with job requirements, enhancing recruiter accuracy and hiring speed.
- Implemented Puter.js for encrypted storage and user authentication, ensuring seamless, serverless processing with dependable scalability.

## ACHIEVEMENTS

- Solved **250+ Data Structures and Algorithms** challenges across LeetCode, Code Chef, and GeeksforGeeks, demonstrating strong analytical and coding proficiency.
- Appointed as **Campus Ambassador** for **Launched 2024 Extended Edition**, spearheading open-source awareness, collaboration, and technical outreach initiatives.
- Secured **10<sup>th</sup> position** in the national level **Innovate and Inspire** competition by presenting a novel sustainable technology prototype.
- Zonal level Medalist : Academic Olympiads.

## CERTIFICATES/CERTIFICATIONS

- Cloud Computing - IIT Kharagpur | NPTEL Nov 2025
- Data Structures & Algorithm Using Java | Cipher Schools Aug 2025
- Mastering Data Structures and Algorithms Using C and C++ Udemy Nov 2023

## TECHNICAL SKILLS

**Languages:** C++, Java, JavaScript, Python, TypeScript

**Databases:** MySQL, PostgreSQL, MongoDB

**Frameworks:** React, Redux, Framer Motion, HTML/CSS, Tailwind CSS, SpringBoot, Node.js, Express.js, REST APIs, JWT Authentication, Microservices, API Gateway

**Tools/Technologies:** Git, Docker, Kubernetes, CI/CD VS Code, AWS(EC2, Lambda, S3), Azure, IntelliJ, Postman, Figma

**Core Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOP), DBMS, Operating System (OS), Computer Networks (CN)