

Geetansh Goyal

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GitHub: GitHub.com/Geetansh431 **Portfolio:** Geetansh.studio **Leetcode:** leetcode.com/geetansh431
GeeksforGeeks: geeksforgeeks.org/geetanmf8 **Codeforces:** codeforces.com/geetansh431

Education

B.E. in Computer Science and Engineering

Chitkara University, Rajpura, Punjab

CGPA:8.83

2022-2026

Class-XII, CBSE

Sudesh Vatika Convent School, Bathinda, Punjab

2021-2022

Skills Summary

- **Languages:** C++, Java, JavaScript, TypeScript
- **Frameworks:** React.js, Node.js, Next.js, Express.js
- **Databases:** MongoDB, MySQL
- **Version Control :** Git, GitHub
- **Technologies :** WebSockets, WebRTC, Docker
- **Core Subjects:** Operating System, Computer Networks, Database Management, Object-Oriented Programming

Projects

- **StudyNotion:** [Live] [GitHub] [HLD] [SRS] June-Dec 2024
 - Developed a fully functional ed-tech platform enabling users to seamlessly add, purchase, and easily access various courses.
 - Built a live **HTML**, **CSS**, and **JavaScript Editor** and **Compiler** using the Monaco Editor to improve user interactivity and learning.
 - Implemented **JWT** for secure management of application users, handling **authentication** and **authorization** efficiently.
 - Integrated unique QR codes generated for every order and utilized **Razorpay** for efficient and secure payment processing.
 - **Tech Stack:** React.js, Redux, Node.js, Express.js, MongoDB, Tailwind, Cloudinary, Razorpay.
- **FlappyBird:** [GitHub] Oct 2024
 - Improved a Flappy Bird clone using **Java** and **Swing**, incorporating smooth gameplay, real-time score tracking, dynamic obstacles, sound effects, customizable themes, and intuitive controls for a more engaging and personalized user experience.
 - **Tech Stack:** Java, Swing.
- **Auction Trading Platform:** [GitHub] Present 2025
 - Devised a comprehensive auction platform, enabling users to publish items, participate in real-time bidding, and manage auctions efficiently for a seamless user experience.
 - Implemented **JWT-based** secure **authentication** and role-based **authorization**, ensuring robust user management for admins, sellers, and bidders across the platform.
 - Designed and developed dynamic **dashboards** for sellers to publish auctions, monitor bids, and efficiently manage sales.
 - **Tech Stack:** React.js, Redux, Node.js, Express.js, MongoDB, Tailwind, Cloudinary.

Freelanced Project

- **Home Rental Web App:** [GitHub] Sep 2024
 - Engineered a comprehensive Home Rental application empowering users to easily browse, manage, and list properties with an intuitive and responsive interface.
 - Embedded **Redux** for efficient state management and leveraged **Express.js** for smooth, real-time backend **API** handling.
 - Enabled property management with search, filters, user **authentication**, and real-time updates for a seamless experience.
 - Enforced **JWT-based** authentication and **RESTful API** for managing secure user sessions and efficient property listings.
 - **Tech Stack:** React.js, Redux, Node.js, Express.js, MongoDB, SCSS.

Achievements

- Built over 10 applications using the **MERN** stack and **Java** for various use cases, including complex web solutions.
- Solved over **1,000** problems on competitive coding platforms, showcasing advanced problem-solving and algorithmic skills.
- Ranked among the **top 5** out of **45** teams at **Technovate-UIET GDSC**, delivering innovative and impactful solution.
- Achieved a global rank of **3,077** in **LeetCode Weekly Contest 422** out of nearly **20,000+** competitive contestants.
- Achieved a global rank of **3,107** in **Codeforces Round 937 Div 4** out of nearly **29,500+** competitive contestants.

Soft Skills

- Excellent problem-solving and analytical skills.
- Strong communication and teamwork abilities.
- Leadership and collaboration in project and team settings.