Geetansh Goyal

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GitHub: GitHub.com/Geetansh431   **Portfolio:** Geetansh.studio   **Leetcode:** leetcode.com/geetansh431
GeeksforGeeks: geeksforgeeks.org/geetanmfp8   **Codeforces:** codeforces.com/geetansh431

Education

B.E. in Computer Science and Engineering   **CGPA:8.83**
Chitkara University, Rajpura, Punjab   *2022-2026*
Class-XII, CBSE
Sudesh Vatika Convent School, Bathinda, Punjab   *2021-2022*

Skills Summary

- **Project Management**: SDLC, Agile Methodologies, JIRA.
- **Programming Languages**: Java, C++, Python.
- **Web Technologies**: HTML, CSS, JavaScript, TypeScript, React.js, Node.js, Express, REST APIs.
- **Databases**: MongoDB, MySQL, PostgreSQL
- **Tools**:JIRA, Git/Github,
- **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 improving user interactivity and learning.
  - 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

- **Muzer**: [GitHub]   Jan 2025
  - Engineered dynamic music queue system for live streams, enabling users to contribute and prioritize songs based on votes for an interactive and engaging listening experience.
  - Embedded **NextAuth** for **OAuth**, enabling secure user login and social provider integration for a seamless experience.
  - Utilized **Prisma** with **Docker** to manage **PostgreSQL**, ensuring efficient and secure data handling in a containerized set
  - Tech Stack: **Next.js**, **TypeScript**, **Prisma**, **Docker**, **Tailwind**, **PostgreSQL**

Achievements

- 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 solutions.
- 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

- Strong communication and teamwork abilities.
- Demonstrated leadership and collaboration skills in project and team settings.