

ANMOL GOKLANI

Sophomore, Computer Science and Engineering, IIT Roorkee

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B. Tech	IIT Roorkee	9.03	Aug 2023 - Present
Senior Secondary	CBSE	97.4	2023

PROJECTS

ITER8 | IMG Project

Sept - Present

[Github Link](#)

- This is a system for reviewing assignments.
- Tools and Technologies Utilized: Django, Django REST Framework, React.js, Material UI, Django Channels (WebSockets).
- Created an internal web application designed to simplify assignment management and review processes. It includes features such as iterative submissions, real-time updates, team collaboration, role-based workflows (Admin, Reviewer, Reviewee), and gamification elements to boost user engagement.

Assembly Interpreter in C++ | Group Course Project

Oct - Nov 2024

[Github Link](#)

- It is an Assembly Language Interpreter in C++.
- Tools & technologies used: C++ .
- It simulates an assembly-like instruction set for a hypothetical machine with basic registers, flags, and operations. The interpreter provides a means to execute assembly instructions sequentially, mimicking the behavior of low-level hardware processing, useful for learning assembly concepts and testing simple assembly programs.

Sigma Loop | Team Project under MDG

Dec 2023 - Jan 2024

[Github Link](#)

- This is a top-down adventure game created in C++.
- Tools and technologies utilized: C++, SDL library.
- The game features Sigma as the protagonist, facing off against enemies, minibosses, and a main boss. It boasts a custom level parser, soundtracks, animations, particle effects, and level saving to enhance the gaming experience.

TECHNICAL SKILLS AND INTERESTS

- **Languages:** C, C++, HTML, CSS, Javascript, Python, Flutter
- **Developer Tools:** VSCode, Git, Google Colab, Figma
- **Frameworks:** React.js, Django, Django Rest
- **Databases:** MySQL
- **Soft Skills:** Communication, Team Work, Problem Solving, Time Management
- **Coursework:** Programming in C and C++, Data Structures, Design and Analysis of Algorithms, Computer Architecture
- **Core Concepts:** Data Structures, OOPS, Full Stack Development, DBMS, Game Development
- **Competitive Programming:** Codeforces maximum rating- 1189

POSITION OF RESPONSIBILITY

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|---|-------------------|
| • Developer, Information Management Group (IMG) | Feb 2024- present |
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ACHIEVEMENTS

- AIR 1032, JEE Advanced '23
- AIR 1704, JEE Mains '23