

# Ansh Goyal

anshgoyal.com | anshg1214@gmail.com | +91-9717697767

## EDUCATION

### **BITS PILANI**

**B.E. COMPUTER SCIENCE  
AND ENGINEERING**

2021 - 2025 | Hyderabad, India  
CGPA: 8.33 / 10 (till 4th  
semester)

### **DELHI PUBLIC SCHOOL MATHURA ROAD CBSE CLASS XII**

2015 - 2021 | New Delhi, India  
Class 12th: 96.6 %

## LINKS

Portfolio:// [anshgoyal.com](https://anshgoyal.com)

GitHub:// [anshg1214](https://github.com/anshg1214)

LinkedIn:// [anshgoyal31](https://www.linkedin.com/in/anshgoyal31)

## COURSEWORK

### **UNDERGRADUATE**

Data Structures And Algorithms  
Database Management System  
Object Oriented Programming  
Discrete Structures for  
Computer Science

## SKILLS

### **PROGRAMMING**

Languages:

C • C++ • Python • Go •  
JavaScript • TypeScript

Web Development:

React • NextJS • Express • Flask  
• Spring • Docker • HTML • CSS  
• PostgreSQL • MongoDB

Misc:

Git/GitHub • Bash

## POSITIONS

President of **CRUX**

## EXPERIENCE

### **METABRAINZ** | GOOGLE SUMMER OF CODE (MENTOR)

Feb 2023 - Present | Remote | [Link](#)

- Mentored **2 GSoC students** to complete project to build an Administration System for BookBrainz using **React**, **ExpressJS**, and **Docker**.
- Reviewed **10+** PRs and lead development of the Admin System feature.
- Added functionality to support reviews for **3 MusicBrainz** entities using **Flask**.

### **METABRAINZ** | GOOGLE SUMMER OF CODE

May 2022 - Sept 2022 | Remote | [Link](#)

- Extended the infrastructure of **CritiqueBrainz** built with **Flask** to support book reviews for **BookBrainz** built with **React**, **Express** and **TypeScript**.
- Added functionality to support reviews for **3 MusicBrainz** entities using **Flask**.
- Implemented **OAuth** authentication and created **CRUD API** endpoints.
- Created **50+ unit tests** using **Mocha**, **Chai** and **Pytest** to test user flow and individual components. Achieved overall **>90% code coverage**.
- Worked with **Docker** for creating shared database for faster **unit testing**.

## PROJECTS

### **OBSERVEAI**

- Designed and developed an **OpenAI Observability Platform** using **NextJS**, **TailwindCSS**, **GoLang** and **TypeScript**.
- Used **Cloudflare Workers** and **Queues** to proxy OpenAI API.
- Integrated **GraphQL** to fetch data with **Cockroach DB**, and added **OAuth Authentication** using **Clerk**.

### **TALKRR** | [LINK](#)

- Designed and developed a fully functional **real time chat application** using **NextJS**, **Tailwind CSS**, **Socket.IO** and **TypeScript**.
- Built backend using **Express**. Used **Socket.IO** for real time communication, **Prisma** along with **MySQL** for storing information.
- Added **Authentication** using **PassportJS** and **Redis** to cache sessions.

### **FRIDGE TO TABLE** | [LINK](#)

- Developed a platform to manage **food inventory** and get and save **multi cuisine recipe** suggestions and their **nutrition information**.
- Integrated **Google Maps API** to get nearby restaurant suggestions.
- Added **Google OAuth2** Authentication using **PassportJS**.
- Built using **ExpressJS**, **EJS** and **MongoDB**.

## OTHERS

- Awarded **First Overall** at **MLH Bon Hackett 2.0 Hackathon**.
- Conducted **Introduction to Web Development and Open Source** workshop with over **150 attendees**.
- Mentored **100+ students** to help them getting started with **C++**.