

Ansh Goyal

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

EDUCATION

BITS PILANI

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

2021 - 2025 | Hyderabad, India
CGPA: 8.32 / 10 (till 5th
semester)

DELHI PUBLIC SCHOOL MATHURA ROAD CBSE CLASS XII

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

LINKS

Portfolio:// anshgoyal.com

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

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

COURSEWORK

UNDERGRADUATE

Data Structures And Algorithms
Database Management System
Object Oriented Programming
Operating Systems

SKILLS

PROGRAMMING

Languages:

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

Web Development:

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

Misc:

Git/GitHub • Bash

POSITIONS

Tech Lead of **Computer Science
Association**, BITS Hyderabad

EXPERIENCE

METABRAINZ | SOFTWARE ENGINEER

Sept 2023 - Present | Remote

- Working on a music discovery tool to find new releases on **ListenBrainz** built using **React**, **Flask**, **PostgreSQL** and **Docker**.

METABRAINZ | GOOGLE SUMMER OF CODE (MENTOR)

Feb 2023 - Sept 2023 | 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**.
- Implemented **OAuth** authentication and created **CRUD API** endpoints.
- Improved cache library **BrainzUtils** and optimized **PostgreSQL** queries to **reduce API response time** by over **30%**.
- 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**.
- Added **Google OAuth2** using **PassportJS**. Built using **ExpressJS**, **EJS** and **MongoDB**.

OTHERS

- Awarded **First Overall** at **MLH Bon Hacketit 2.0 Hackathon**.
- Conducted **Introduction to Web Development and Open Source** workshop with over **150 attendees**.