

Ansh Goyal

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EDUCATION

BITS PILANI

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

2021 - 2025 | Hyderabad, India
CGPA: 8.28 / 10 (till 3rd
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

Discrete Structures for
Computer Science

SKILLS

PROGRAMMING

Languages:

C • C++ • Python • Java •

JavaScript • TypeScript

Web Development:

React • NextJS • Express • Flask

• Spring • Docker • HTML • CSS

• PostgreSQL • MongoDB

Misc:

Git/GitHub • Bash

EXPERIENCE

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.
- Created **50+ unit tests** using **Mocha**, **Chai** and **Pytest** to test user flow and individual components.
- Worked with **Docker** for creating shared database for faster **unit testing**.

PROJECTS

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.

SHOPEE | [LINK](#)

- Designed and developed a fully functional **e-commerce platform** using **React**, **Spring Boot** and **PostgreSQL**.
- Implemented fully functional **admin** and **manager** dashboard.
- Added **OAuth** authentication and added **email alerts** on order updates.

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**.

OPEN SOURCE CONTRIBUTION

CRITIQUEBRAINZ | METABRAINZ FOUNDATION

Jan 2022 - Present | [GitHub PR's](#): [Link](#)

- Added functionality to support reviews for **3 MusicBrainz** entities using **Flask**.
- Improved cache library **BrainzUtils** and optimized **PostgreSQL** queries to **reduce API response time** by over **30%**.
- Created **100+** unit tests using **Pytest** for **API**, **Database** and **Cache** testing. Achieved overall **>85% code coverage**.

OTHERS

- Awarded **First Overall** at **MLH Bon Hacketit 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++**.