

Archit Sangal

Graduate Student - International Institute of Information Technology Bangalore

Portfolio - <http://architsangal.github.io/Portfolio/#/> in <https://www.linkedin.com/in/archit-sangal-aa7185190/>
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EXPERIENCE

IIITB Summer Of Code | Mentor

May 2022 - Present

- Creator and Team Lead of an open source project, **FoodFast**.
- Accepted Project for **IIITB Summer of Code** in 2022.
- Guided and mentored 2 students in the above program.

E-Health Research Center (EHRC) | Summer Intern

May 2021 - August 2021

- **EHRC** collaborates with **NIMHANS** under **e-Manas**, for National Tele-Mental Health Programme, announced by Union Finance Minister Nirmala Sitharaman during her Budget Speech in the Parliament.
- **Designed and implemented** an application with a team of developers for doctors to connect remotely with patients.
- Worked as full stack intern and contributed in designing using **Figma**, Designed a back-end server using **Spring Boot** and integrated it with web pages developed using **Angular, Socket, WebRTC**.

IIT Bombay (FOSSEE Animations) | Summer Fellowship

April 2020 - July 2020

- Made 4 lecture notes with animation on the topics related to Linear algebra. i.e., **Linear Transformations, Four Fundamental Subspaces, Orthonormal Bases, Gram Schmidt Orthogonalization Process**.
- For making the animated videos, manim and python was used. Lecture notes can be found [here](#) and code can be found [here](#).

PROJECTS

FoodFast (IIITB Canteen App) | Flutter, FireBase, Figma

October 2020 - Present

- **Creator and Project Admin** of an open source project, **FoodFast**.
- Aims at reducing the waiting time of orders.
- This app includes both **user-side and manager-side functionalities**.

Portfolio | Flutter, Rive, GitHub Actions, GitHub Pages

November 2020 - Present

- Fully **responsive webpage**. Code – [here](#); Deployed Project – [here](#).
- Designed and implemented from **scratch**.
- Easy to maintain as it uses **GitHub Actions**, for deployment.

Android Flight Booking System | Native Android, Firebase, Java

November 2019 - January 2020

- Developed a fully functional flight booking system.
- It included both the **user and administrator applications**.
- It can be used to book, cancel, or update fictitious flight bookings.

* Mostly, text like [this](#), are links, do check them out.
* For an exhaustive list of projects, refer Project Portfolio [here](#), or my GitHub [here](#).

EDUCATION

Integrated M.Tech @ IIIT Bangalore

August 2019 – July 2024 CGPA : 3.61/4

- Branch — Computer Science and Engineering

ACHIEVEMENTS

- Honoured by **Dean's Merit List** (Term 2021-2022) for **academic excellence**; Tentatively, to be released in Oct. 2022.
- Secured **Rank 1** in **AskReddit Troll Question Detection Hackathon** out of 22 teams (48 participants).
- Secured **Rank 1** in **Car Accident Prediction Hackathon** out of 34 teams (66 participants).
- Secured **Rank 8604** in **JEE Main**.

COURSEWORK

Data Structure and Algorithms
Design and Analysis of Algorithms
Operating System
Software Engineering
Database Systems
Computer Networks
Computer Architecture
Machine Learning
Natural Language Processing

Programming Languages

Dart • Java • Python • C • C++ • JavaScript
LaTeX • OCaml • Prolog

SKILLS

Flutter • Firebase • Google Analytics • GraphQL
Native Android • Spring Boot • Agile • Scrum
GitHub Actions • GitHub Pages • Git • Figma
manim • Three.js • MySQL • blender • docker

EXTRACURRICULARS

Member of Zense, Developers Club of IIITB

January 2020 – Present

- Zense promotes open source culture.
- Worked on several projects for the club and
- Organized a hackathon with a team, for over 100 junior devs and guided them.

Open Source Contributions and Issues

February 2022 – April 2022

Have contributed regularly to open-source organizations. E.g., GSoC Mentor Organization, **Palisadoes Organization**. Issues can be found [here](#), and Pull Requests can be found [here](#).