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/
@ architsangal2000@gmail.com   📞 +91 9548697992   🐙 https://github.com/architsangal   📍 Bengaluru, India

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**, developed web pages using **Angular, Socket, WebRTC, Material Design**, also **designed a back-end server using Spring Boot**.

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 | Flutter, FireBase, Figma

📅 October 2020 - Present

- **Creator and Project Admin** of an open source project, **FoodFast**.
- FoodFast is IIITB canteen app. This app aims at reducing the waiting time of ordered food.
- This app includes both **user-side and manager-side functionalities**.

Portfolio | Flutter, Rive, GitHub Actions, GitHub Pages

📅 November 2020 - Present

- A fully **responsive webpage** which was **designed and implemented from scratch**. Code can be found **here** and deployed project **here**.

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 – Ongoing

- **CGPA — 3.61/4 (90.25%)**
- 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 (which consisted of 48 students).
- Secured **Rank 1** in **Car Accident Prediction Hackathon** out of 34 teams (which consisted of 66 students).
- 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

EXTRACURRICULARS

- **Member of Zense**, the **Developers Club of IIIT Bangalore**. It 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**, have **contributed regularly to open-source organizations**. E.g., Google Summer of Code Mentor Organization, **Palisadoes Organization**. Issues can be found **here**, and Pull Requests can be found **here**.