



# Sairaj R. Ghosarwadkar

Roll No.:210102074

B.Tech - Electronics and Communications Engineering

Minor in Computer Science and Engineering

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Github

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## EDUCATION

Degree/Certificate	Institute/Board	CPI/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	9.16 (Current)	2021-Present
B.Tech. Minor	Indian Institute of Technology, Guwahati	9.50 (Current)	2022-Present
Senior Secondary	Goa State Board	88.1%	2021
Secondary	Goa State Board	94.1%	2019

## EXPERIENCE

- Coding Club, IIT Guwahati** Dec 2022 - Jan 2023  
*Flutter Course Mentor*
  - Was a mentor to a group of twenty students for a month long online course on Flutter organised by Coding Club, IITG. Helped mentees in doubt resolving and developing apps on Flutter. The course more than thousand registrations.

## PROJECTS

- Aster HF** Dec. 2022 - Jan. 2023  
*Group Project under Coding Club, IIT Guwahati* Github
  - A Flutter based mobile app to keep track of health vitals.
  - Features such a daily medicine reminders, progress of health vitals, contact emergency doctors included.
  - Project won first place (Judge's Choice) in Techevince'23.
- Bhajan Player App** Nov. 2022 - Dec. 2022  
*Self Project* Github
  - A Flutter based mobile app to play Bhajans (devotional songs) that have been traditional to my family.
  - Included all features of any audio player with an audio package 'just audio'.
  - Solves a specific problem as one need not look for the audio file on their phone but can play the Bhajans on the app instead.
- Expense Tracker App** May. 2023 - June. 2023  
*Self Project* Github
  - Developed a Flutter based app to keep track of user transactions.
  - Uses Firebase Authentication for login and sign up using email. Firebase Firestore for storing transactions data. Statistics of transactions, history of all transactions also included

## TECHNICAL SKILLS

- Programming Languages:** C,C++,Dart, Python\*
- App Development:** Flutter
- Additional Skills:** Firebase Firestore, Firebase Authentication, Git\*.
- Electronics:** Arduino\*, Verilog\*, LTSpice, Matlab for Control Systems. (\* Elementary proficiency)

## KEY COURSES TAKEN

- Mathematics:** Linear Algebra, Basic Calculus, Probability & Random Processes
- Computer Science:** Data Structures and Algorithms,

## POSITIONS OF RESPONSIBILITY

<b>App Development Coordinator</b> , Coding Club, IIT Guwahati	Nov 22 - Apr 23
<b>Mentor</b> , Cepstrum, IIT Guwahati	Jan 23 - Present

## ACHIEVEMENTS

<b>JEE ADVANCED</b> , All India Rank 1800 out of 2.5 Lakh candidates	2021
<b>JEE MAIN</b> , All India Rank 4880 out of 10 Lakh candidates	2021
<b>Goa Common Entrance Test</b> , All Goa Merit Rank 1 out of 3000 candidates.	2021

## EXTRA-CURRICULAR

- Represented Umiam Hostel in Technical, Cultural and Welfare Board competitions. Won the First Place for the hostel in Sleep Awareness presentation organised by the Welfare board.
- Currently running a Poetry Page on Instagram with over 25 original poems posted and over 120 followers.
- Was one of the resource persons for Cepstrum for its talk to the junior batch on minor degree selection and guidance for the second semester.
- Have been a NCC cadet and a NSS volunteer. Also have been awarded the best outgoing boy in High School.