




OBJECTIVE:

Seeking a position in the field of Computer Science where I can utilize my skills to further work toward personal and professional development and Contribute towards the prosperity of the organization.

 arunbalaji211@gmail.com

 9361167998

 <https://www.linkedin.com/in/arunbalaji1/>

 <https://github.com/arunba1>

SKILLS:

- C++
- Python
- Flutter (Front end)
- SQL
- Java
- HTML & CSS

LANGUAGES:

- English
- Hindi
- Tamil

CERTIFICATE:

- Basics of Python
- Core Java
- Dot Net

A. ARUN BALAJI

EDUCATION

B.Tech- Computer Science and Engineering (IOT and Automation), SASTRA Deemed University at Thanjavur
Year of completion 2024
Present CGPA: 7.58

HSC Kendriya Vidyalaya AFS Thanjavur at Thanjavur
April 2019 - March 2020
Mark: 85.2%

SSLC Kendriya Vidyalaya AFS Thanjavur at Thanjavur
April 2017 - March 2018
Mark: 80.4%

EXPERIENCE

(**Internship**) Yali Aerospace Private Limited, Thanjavur
Jan 2023 - May 2023 ·

I developed an IOT-based Flutter Application named "Yali Sky Base" during this internship. This application controls the various Drone Base Station operations like Open, Close, Up, Down, Stop and Restart, etc. This application uses API and Firebase as the backend, when a user clicks any operations, then the corresponding API works and sends data to Raspberry Pi via Firebase. The Application also controls the Disk rotation for Landing and Takeoff Purposes in that Base Station.

PROJECTS

Fitness App:

I have developed a Fitness App. In this app, users can choose their Diet Plan for their body and also they can schedule workout sessions. This application is beginners friendly since it provides various tutorials/videos about exercises.

Line follower and obstacle detection robot:

I have used IR sensors, an ultrasonic sensor, buzzer and a robot kit in this project. This IR sensor uses the Line following mechanism, it also detects the presence of an obstacle or load which is kept in its path. The alarm rings when an obstacle is found. Once the obstacle gets removed then robot moves freely in the path.

GitHub Link:

https://github.com/arunba1/Line_Following_and_Obstacle_Detect

INTERESTS:

- Embedded Computing
- Software Development
- Web and Android Development

E-Mart (Front end):

I will launch my new Android Application "E-Mart". Basically, it's an online shopping Application. This app starts with a login and signup feature, after this it will navigate users to the Home screen, then users can order their required items. This application is user friendly. I will add checkout and payment options in future.

GitHub Link: <https://github.com/arunba1/emart>