

Soorya S

CB.EN.U4CSE19352



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Education

AMRITA Vishwa Vidyapeetham / B.Tech - CSE

2019 - 2023.

Current CGPA: 9.02/10.

Geethaanjali All India Senior Sec. School , Erode - Xth , XIIth grades

Xth Boards percentage : 89.2% (2018-2019)

XIIth Boards Score : 10 / 10 gpa (2016-2017).

Skills

Proficient in FireBase, C, C++, JavaScript, HTML, CSS, MySQL, Python, Java, Dart, Arduino, Android and Flutter Application Development. Familiar with working on Visual Studio , Android Studio, IntelliJ and Atom IDE.

Projects

Feb'21-Present

Find My Phone

Writing an android application to locate lost phones without internet.

March'21

Lexical Analyzer

Wrote an android application capable of accepting C/C++ code and processing it using a lexical-analyzer algorithm which provides a detailed analysis of the code.

August-December '20

Voice based transport enquiry system

Completed a database management project for a voice based transport enquiry system with the complete front and back end working using Firebase Database as the backend and Android Application for the front end as a team of four.

July-Present '20

ChatBox - a firebase messaging app

Working on a light weight android messaging application out of self interest in my leisure time called ChatBox .

February '20

Calculator App

Wrote an advanced android calculator application from scratch.

December '19

Memo App

Wrote an android application that lets you organize and store your notes.

August '18- March '19

DinoRun Run for your life!

Wrote a game inspired by Google's famous dinosaur game, the Dino Run, using C++ and C++ CLI and was conceptualized as part of my 12th grade CBSE computer science project. The game is written with color support to add to the visual appeal and introduces additional hurdles to the dino's run. Guided a team of four from the initial phase of algorithm development, up until testing and demonstration.

Arduino Home projects

Written several arduino and ESP based home automation projects, some of which is also backed up using android applications to provide a GUI by using the phone as an interface. Developed projects to automate home appliances through local networks and the internet.

Areas of Interest

Interested in Mobile Application Development and Web Development.

Making DIY arduino and node MCU based projects at home, tinkering with the command line and android phones. Great interest in IoT and home automation.

Also interested in digital art and simple 3D modelling.

Other Skills

I've taken responsibility as the class representative for a whole year, through which I've significantly improved my people management and communication skills.

I have a flair for art of all sorts, I enjoy making digital art, charcoal art and pencil sketching.

Achievements

15th March'21

Participated and got into the seventh place in the ideation camp for thingqbator by pitching in an application idea for an app to self-adjust volume levels of the device depending on the location and traffic density.

25th April'21

Participated and got into the top-ten teams in the HackBMU hackathon hosted by Devfolio for pitching in an application for creating a virtual platform for college students to communicate and socialize.