



# Akhil Sarwar T H

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## EDUCATION

### NIT CALICUT

B.TECH IN COMPUTER SCIENCE  
2019 - 2023 | Calicut, Kerala, India  
CGPA: 8.92 / 10.0

### JYOTHI NIVAS

SENIOR SECONDARY EDUCATION  
2017 - 2019 | Aluva, Kerala, India  
Science Group  
12<sup>th</sup> Percentage: 94.6 / 100

## LINKS

Github: [akhilsarwar](#)  
LinkedIn: [Akhil Sarwar T H](#)  
LeetCode: [ak\\_24](#)  
Hackerrank: [Akhil Sarwar T H](#)  
Codeforces: [ak\\_24](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Computer Organization  
Database Management Systems  
Operating Systems  
Data Mining  
Computer Networks  
Compiler Design

### SENIOR SECONDARY

Computer Science - C++  
Physics, Mathematics

## SKILLS

### PROGRAMMING

Advanced:

C++ • Python • Javascript • MySQL

Intermediate:

Dart - Flutter • Java • C •

Assembly • Firebase

### FAMILIAR WITH

Web Dev:

ReactJS, NodeJS(Express), Flask

Android Dev:

Android dev using Flutter

Automation:

Python - Selenium

## EXPERIENCE

### ORACLE | APPLICATIONS ENGINEER - FUSION SCM

May 2022 - July 2022 | Hyderabad, India

- Worked on developing a guided process interface for BOM update journeys.
- REST based development.
- Enhanced the user experience - support features like client side filtering, sorting, searching, and tabular view to display the required data more efficiently.
- Helped the business user to make bulk changes quickly through the newly adopted UI.

## PROJECTS

### NITC INFORMATION PORTAL | MOBILE APP DEVELOPER

- App stores the contact info of all faculty members in our college.
- Worked as a team with Athul Joseph and Joel Mathew to develop the Mobile App using Flutter.
- Worked on the front-end part and developed the homepage and the campus info page.

### EMAGAZINE | WEB DEVELOPER

- Worked as a team in developing a common platform for college students for posting and viewing articles.
- Worked on designing the database for the system and normalized it.
- Worked on developing the server side logic using ExpressJS and front-end api calls using axios.

### MULTIPLAYER CHESS

- Chess game developed in python using the Pygame module
- Multiplayer support is extended using sockets.
- Client Server Architecture where the server code is deployed in AWS EC2 instance.

### YOUTUBE-MP3 BOT

- Youtube to mp3 bot developed using Selenium-Python.
- Command line application uses the data provided to scrape the video from youtube.

### MOVIE SUBS CORRECTOR

- Python Command Line application.
- Alters the time variations in the subs file to sync the audio and video mismatch.
- Developed custom time library which supports millisecond level variations.

## ACHIEVEMENTS

2021	1837 <sup>th</sup>	Codeforces Division - 2 Contest
2021	1192 <sup>th</sup>	LeetCode Weekly Contest 262
2020	3330 <sup>th</sup>	Google Kickstart Round - C

