Tharun Kailash K

M.SC SOFTWARE SYSTEMS

Dedicated software student with extensive technical knowledge, eager to demonstrate abilities in new areas while enhancing existing skills in various domains and having desire to learn at a higher level.

CONTACT

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📍 Madurai, Tamil Nadu.

in linkedin.com/in/Tharun-kailash

github.com/Tharun-kailash

EDUCATION

M.Sc. Software Systems
[5 Years Integrated]
Coimbatore Institute of Technology
Coimbatore, India
2020 - 2025
CGPA: 8.85(Till 4th Sem)

Higher Secondary Certificate
S.E.V Matriculation Higher Secondary School
Madurai, India
2020
Aggregate: 82

Secondary School Leaving Certificate
S.E.V Matriculation Higher Secondary School
Madurai, India
2018
Aggregate: 93.2

SKILLS

Programming Languages: C, C++, Python (basic)

Web Development: HTML, CSS, JavaScript, JQuery, Bootstrap

Frameworks: Reactjs

Database: MySQL, Oracle

Version Control: Git, GitHub

Soft Skills: Leadership, Team Player, Adaptability, Time Management

AREAS OF INTEREST

- Software Development
- Object Oriented Programming
- Web Development
- Data structures and Algorithms
- Database Management System

CERTIFICATIONS

- Hackerrank - Problem Solving(Basic)
- Kaggle - Data Cleaning
- Udemy- 2022 Web Development Course
- Great Learning - C++, AngularJS
- TCS ION - Soft Skills

ACADEMIC PROJECTS

STUDENT INFO MANAGEMENT
Application to maintain Student info, such as academic details, grades, and percentages using heap and hash.
Tools used: C (Data Structures)

BANK MANAGEMENT SYSTEM
An Application which manages various operations performed in a bank. Secured with Password validation.
Tools used: C++ (OOPs)

MUSIC BOT
A Bot that can play music tracks from YouTube and Spotify which is transcoded using FFMPEG. It has various functionalities such as Play, Pause, Add to queue etc.
Tools used: Python, Discord API

WIND TURBINE ENERGY PREDICTION
A web application to predict the wind energy based on wind speed, direction, latitude and longitude. Extreme Gradient Boosting Algorithm is used for prediction.
Tools used: Python, Flask, ReactJS, NodeJS

ROLES

- FOSS Club of CIT (Free Open Source Software)
  Secretary *(June 2022 - Present)*
  Event Manager *(2021-22)*
- Datalytics Club of CIT
  Head of Events *(2021-22)*
- GFG Student Chapter CIT
  Public Relations Officer *(2021-22)*

CO-CURRICULAR ACTIVITIES

Workshop
- Lectured two Sessions in the workshop named *Demystifying OOPs,* attended by more than 50 participants

Hackathon
- Presented an idea in *Melinia Hackathon, Conducted* by Department of Computing, CIT on May 2022

Bootcamp
- *MERN Stack Bootcamp,*
  Conducted by GFG-LPU on October 2021
- **Nodejs Bootcamp, React Bootcamp**
  Conducted by Scaler Academy on October 2022

Qiskit Tamil Translation
- Have been a part of the Translation Team for IBM's Qiskit textbook