

# THARUN KRISHNA CU

FULL STACK DEVELOPER



Thrissur, Kerala, India



+91 9778585423



tharunkrishnachoolikattil@gmail.com



www.linkedin.com/in/tharun-krishna-c-u-872a4b325

## EXPERTISE

### Languages & Frameworks:

Python, C, C++, JavaScript,

HTML, CSS, React, Django,

QML

### Tools & Platforms:

Git, GitHub,

Figma, Adobe Photoshop,

Canva, Microsoft Office

### Other Skills:

UI/UX Design, Full

Stack Development,

Version Control, Technical

Documentation

### Hardware Exposure:

Basic

experience with Arduino

UNO & ESP32

(IoT/Robotics)

## EDUCATION

B. TECH CSE (DATA SCIENCE)  
Christ College of Engineering,  
APJAKTU, Thiruvananthapuram  
2024 - \*

CLASS XII  
National HSS, Irinjalakuda,  
Thrissur  
99%  
2022 - 2024

CLASS X  
National HSS, Irinjalakuda,  
Thrissur  
100%  
2021 - 2022

## PROFILE

Detail-oriented and creative full-stack developer with a strong foundation in Python, React, Django, and UI/UX design. Currently serving as **Co-COO of IEDC CCE** and **CS Team Lead Intern** for an interdisciplinary underwater rover project. Experienced in leading teams, organizing tech events, and delivering intuitive user experiences. Passionate about blending design with technology to build impactful solutions.

## EXPERIENCE & POSITIONS

- Co-COO, IEDC CCE Executive Committee 2025. *(Ongoing)*
- CS Team Lead Intern - Interdisciplinary Underwater Rover Project. *(Ongoing)*
- Media Team - BeachHack Season 6 (Poster & Digital Design). *(February 2025)*
- Volunteer - Pravaah 2025 (Design & Event Coordination). *(February 2025)*
- Design Team Lead – Data Science Internship Drive CCE (DID). *(Ongoing)*

## PROJECTS

- **Underwater Rover – CS Team Lead**  
CS Team Lead Intern under the guidance of Sunil Paul Sir.  
Customizing QGroundControl (QGC) for GPS logging, control interfaces for water/sediment sampling.  
Collaborated with mechanical and electronics teams for seamless integration. *(Ongoing)*
- **Traffic Management System – Flask + CV**  
Tech: Python, Flask, OpenCV, HTML/CSS  
Developed a real-time dashboard to analyze vehicle count and traffic congestion using CCTV footage.  
Led the UI/UX and backend development for real-time analytics visualization. *Presented at Department Expo (April 2025)*
- **Solar Mobile Charger – Hardware Project**  
Assembled a portable solar-powered charger using photovoltaic cells.  
Focused on sustainability and practical energy use cases. *Electronics & Communication Dept. Expo (Dec 2024)*

## HIGHLIGHTS & PARTICIPATION

- Useless Projects 2.0 – 6-hour makethon by TinkerHub CCE. *(August 2025)*
- CODE reCET 2.0 – 36-hour national-level hackathon. *(July 2025)*
- HackGenAI 2025 – India's largest GenAI Hackathon (24-hr). *(July 2025)*
- 2nd Prize – Business Plan Presentation, Christ College of Engineering. *(July 2025)*
- DISPUTOPIA Debate Competition, Christ College. *(February 2025)*
- WAR ROOM Startup Simulation, Govt. Engineering College, Thrissur. *(March 2025)*
- 2nd Prize – Idea Pitching, BeachHack 2025. *(February 2025)*
- CodeFix – Debugging Competition. *(February 2025)*
- Evolve 1.0 – IEDC Idea Pitch. *(October 2024)*

## OTHER INITIATIVES & DESIGNS

- Designed layout for CS Department Magazine 2025
- Created UI design for the Data Science Department website
- Started the 2024–28 Data Science Batch Page
- Contributed to the College Newsletter Designs

## DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief. I take full responsibility for the authenticity and accuracy of the details mentioned.

- Tharun Krishna C U