

# AMAL THILAKAN

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GitHub: [github.com/amalthilakan](https://github.com/amalthilakan)



## Profile

Data Science Post Graduate with expertise in programming, database administration, web designing, and Android development. Strong creative and analytical skills with a proven ability to work collaboratively, pay attention to detail, and solve problems effectively.

## Education

### Master of Computer Science (Specialization in Data Science)

Cochin University of Science and Technology

2022 – 2024

### Bachelor of Computer Applications

Mahatma Gandhi University

2018 – 2021

### Higher Secondary Education (CBSE)

Kasturba English Medium School, Manjummel

2016 – 2018

## Technical Skills

- Languages:** Python, C, C++, Java, JavaScript, TypeScript
- Web Technologies:** HTML, CSS, Redux, Axios, REST API
- Databases:** SQL, SQLite, MongoDB
- Frameworks & Libraries:** React, React Native, ExpressJS, NodeJS
- Tools:** Git, VS Code
- Analysis & Data Science:** Machine Learning, Data Analysis
- Soft Skills:** Problem-Solving, Team Collaboration, Analytical Thinking

## Certifications & Training

- Android Development Using Java** Acmegrade, Bengaluru | Jun 2023 – Jul 2023
- MEARN Stack Development** Right Soft Options, Kaloor, Kerala | Jun 2024 – Sep 2024

# Experience

## Software Engineer(Intern)

Centgrade Labs, Kalamassery | Oct 2024 – Feb 2025

- Assisted in software development projects using modern web technologies
  - Collaborated with senior engineers on full-stack development tasks
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# Projects

## Recipe Recommendation System

- Developed a personalized recommendation system using machine learning algorithms to suggest recipes based on user preferences.

## Breast Cancer Detection using Machine Learning

- Implemented predictive models for early detection and classification of breast cancer cases.

## Cable Operator Management Site

- Designed and developed a web-based platform to manage cable operator operations efficiently.

## Indian Sign Language Detection

- Created a sign language detection model using Google Mediapipe and Recurrent Neural Networks.