

SMERA THARAKAN

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📍 Thrissur , Kerala

🌐 <https://www.linkedin.com/in/smeratharakan/>

🐙 <https://github.com/SmeraTharakan>

SKILLS

Programming Languages : **Python , C , Java**
Web development : **HTML , CSS , JavaScript**
Databases : **PostgreSQL**

Framework : **Spring boot, React**
Soft skills : **Problem solving, Team player, Adaptable , Quick learner**

PROFILE SUMMARY

Passionate and motivated fresher with a strong enthusiasm for coding and software development. Highly adaptable and quick to learn new concepts, ensuring timely completion of tasks. Committed to continuous learning and skill development, giving maximum effort to every project.

PROJECTS

GRIEVANCE MANAGEMENT SYSTEM

2024

A web application for efficient grievance submission, assignment, and updates, featuring role-based access for Users, Supervisors, and Assignees. Developed using Spring Boot (backend), React (frontend), and PostgreSQL (database).

AUTONOMOUS FIRE FIGHTING ROVER

2023-2024

Developed a rover with autonomous navigation capabilities, utilizing Digital Image Processing for fire detection and Ultrasonic sensors for obstacle avoidance, all integrated on Raspberry Pi.

SELF-STABILIZING SPOON FOR PARKINSON'S DISEASE

2023

Developed a spoon to counteract hand tremors in people with Parkinson's disease, using an Arduino Nano and MPU6050 for stabilization.

EDUCATION

Rajiv Gandhi Institute of Technology, Kottayam

2020 - 2024

BTech , ECE | CGPA : **7.89**

St. Clare's CGHSS , Thrissur

2018 - 2020

Higher secondary | Percentage : **97.4 %**

De Paul EMHSS , Choondal, Thrissur

2016 - 2018

High School | Percentage : **100 %**

CERTIFICATES

Joy of computing Python , **NPTEL**

2022

Crash course on Python , **COURSERA**

2023

EXPERIENCE

NSS VOLUNTEER

2021 - 2024

Collaborated with other volunteers to participate in various community service projects

RITU VOLUNTEER

2023

part of a sponsorship committee with the responsibility to market the event and promote it to potential sponsors.