

SHAHALA K O P

+91 9495861348 shahalaletheef2@gmail.com
Kannur , Kerala , 670331

ABOUT

Detail-oriented and analytical computer science professional with strong technical and logical skills. Seeking to leverage my expertise in software development and problem-solving to contribute to innovative projects in the tech industry.

EDUCATION

MSc Computer Science Mangattuparamba Campus, Kannur Kannur University, Kerala	2023 - Present
BSc Computer Science College Of Applied Science , Neruvambram Kannur University, Kannur , Kerala CGPA : 79.01	2020 - 2023

PROJECTS

Driving Vigilance System in IOT Nov 2024 - Jan 2025

Developed an IoT-based Driver Vigilance System using Arduino to enhance road safety. Integrated alcohol, eye-blink, and ultrasonic sensors to detect intoxication, drowsiness, and obstacles, automatically stopping the vehicle under unsafe conditions. Provided real-time alerts via an LCD display. Designed for cost-effectiveness and scalability, suitable for personal vehicles and commercial fleets. Future improvements include AI-based eye tracking and GPS-based emergency alerts.

FITME Dec 2022 - Mar 2023

Developed an AI-driven application that automates body measurements using image processing, eliminating the need for manual measuring. Implemented advanced measurement extraction algorithms to enhance accuracy and efficiency in custom tailoring. Designed a seamless user experience with secure profile management and data storage in a MySQL database. This solution optimizes the tailoring process by improving measurement precision, reducing errors, and saving time for both tailors and customers.

CERTIFICATION

- Ethical Hacking Workshop Conducted by GTech
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SKILLS

- Technical Skills :** HTML , CSS , Java, C , C++, Python, Mysql, DataStructure, Quantum Computing
 - Soft Skills :** Problem Solving, Adaptability, Time Management
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LANGUAGES

- Malayalam
- English