

# MOHAMED FAHAD KHAN

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## EDUCATION

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| <b>SSLC</b><br><i>Nabeesa Ammal matric.hr.sec.school, Ramanathapuram / India</i><br>GPA: 70.8%                            | MARCH 2020           |
| <b>HSC</b><br><i>Syed Ammal higher sec school, Ramanathapuram /India</i><br>GPA: 71.6%                                    | MARCH 2022           |
| <b>B.TECH &amp; INFORMATION TECHNOLOGY</b><br><i>Mohamed Sathak Engineering college,Ramanathapuram/India</i><br>GPA: 8.16 | SEP 2022 - JUNE 2026 |

## CORE TECHNICAL SKILLS

- Networking (Basics)
- IOT DEVELOPER(intermediate)

### Programming:

- Python

### Web Development:

- React.js,
- React native,
- Javascript
- HTML&CSS
- NODE.JS
- MONGO.DB
- EXPRESS.JS

## PROJECTS

### WATER QUALITY MONITOR Web Development Project

**ABSTRACT:** Checking the quality, PH level and Temperature of the water

### OVERVIEW:

**Objective:** Creating a real time application to check the quality of the water

### Setup:

#### HARDWARE:

- \* TDS sensor, to indicate water quality
- \* pH sensor, to check the PH level of the water
- \* LED screen and LED light, to show the quality of water
- \* Node MCU esp8266, connection to the server

#### SOFTWARE:

- \* APP created using react native
- \* Firebase for retrieving the information from the hardware

### OUTCOME:

- \* Successfully deployed an app to prevent people drinking water that has harmful effect
- \* Gained practical experience in web development and hardware system

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## ANIMAL REPELLER PROJECT

**ABSTRACT:** AI-driven animal detection repeller system using YOLOv5 and sound.

### OVERVIEW:

**OBJECTIVE:** To drive animal away without harming them and not causing any casualties to humans

### Setup:

#### HARDWARE:

- \*Raspberry pi, for running as a server and trigger the speaker
- \*Camera, for capturing image and send to the server
- \*Speaker, for driving away the animal

#### SOFTWARE :

- \*YOLO V5, for machine learning
- \*Raspberry pi OS, for setting up the raspberry pi 4

### OUTCOME:

- \* Successfully deployed an animal repeller project with efficient cost
- \* Gained practical experience IOT and machine learning

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## CERTIFICATIONS

**Javascript essential 1,2, issued by CISCO**

**Javascript Programming, issued by META**

**React basics and React advance, issued by META**

**Computer Network and Internet Protocol, issued by NPTEL**

**Fullstack developer certificate, issued by NOVI TECH**