

# Muhammed Fariz P A

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GitHub LinkedIn Portfolio

## Summary

Aspiring front-end developer with a keen interest in artificial intelligence. Experienced in developing engaging user interfaces and applications while integrating AI technologies. Skilled in leveraging modern frameworks and libraries to create responsive web applications and AI-driven solutions.

## Education

<b>B.Tech in Computer Science and Engineering</b> Rajagiri School of Engineering and Technology (APJ Abdul Kalam Technological University) CGPA: 7.76	2020 - 2024
<b>Higher Secondary Education</b> SNDP HSS Aluva, Kerala State Board Percentage: 94.1%	2018 - 2020
<b>Secondary Education</b> Al Ameen International Public School, CBSE Percentage: 87.2%	2017 - 2018

## Skills

**Languages:** Python, Java, C, MySQL  
**Web Technologies:** HTML5 , CSS3 , JavaScript  
**Frameworks & Libraries:** MediaPipe, React.js  
**Tools:** Git , GitHub, VSCode  
**Soft Skills:** Leadership, Adaptability, Hard-working, Problem-solving, Team-player

## Internship

<b>NeST Group</b> - Learned Python for data analysis and machine learning. - Worked with YOLO for object detection and CNN for image classification. - Used MediaPipe and OpenPose for gesture and pose recognition.	October 2022 - October 2022
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## Projects

<b>Food Recipe App</b> - Developed a user-friendly recipe application leveraging the Spoonacular API to provide a comprehensive database of food recipes. The app displays food images, ingredient lists, and step-by-step cooking instructions, enhancing the culinary experience for users. - Implemented using <b>React.js</b> , <b>JavaScript</b> , <b>HTML5</b> , <b>CSS3</b> , with hooks like <b>useState</b> and <b>useEffect</b> for state management and API integration.	GitHub Link
<b>To-Do List App</b> - Created a dynamic task management application that allows users to efficiently manage their tasks by adding, deleting, and marking tasks as completed. The app includes sorting functionalities to prioritize tasks. - Built with <b>React.js</b> , <b>JavaScript</b> , <b>CSS3</b> , implementing responsive design principles for an intuitive user experience.	GitHub Link
<b>Hand Gesture to Voice Automation App</b> - Developed an application that converts hand gestures into voice commands using <b>CNNs</b> and <b>MediaPipe</b> . - Integrated <b>pyttsx3</b> for offline text-to-speech and utilized <b>Twilio</b> for sending WhatsApp messages.	GitHub Link

## Smart Policing ML

GitHub Link

- Implemented a system using **YOLOv7** for detecting weapons and **Librosa** for recognizing distress sounds.
- Integrated with the **Twilio API** for emergency notifications and used a **Firebase** database for data storage.

## Certifications

Introduction to Front End Development By Simplilearn

Certificate