



AJAY DAS K

PROGRAMER, PENTESTER

PROFILE

Strong in design and integration with good problem-solving skills. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions. Looking to start the career as an entry-level software engineer with a reputed firm driven by technology

PROJECTS

ROBAN SYSTEM A HELPING HAND FOR DISABLED PEOPLE

- * Integrating IoT for disabled people.
- * All human needs can be fulfilled with voice commands.
- * Module wise architecture.
- * More secured IoT integration.
- * Offline communication

Technologies used :

- * Internet of things.
- * AWS.
- * IFTT.
- * Arduino Esp
- * Arduino programming language.
- * Blynk platform,
- * Proteus PCB designer and VSM

WEAPON DETECTION WROVER DRONE USING MACHINE LEARNING

- * Smart weapon detecting wrover drone.
- * Detecting weapons using machine learning.
- * Drone can be controlled remotely,
- * Customisable according to use
- * Used for defence purpose

Technologies used :

- * Machine learning
- * Object detection.
- * Object tracking
- * YOLO Algorithm
- * Serial communication and Protocols

MINI PROJECTS

- * **Smart weapon IoT Aquarium**
self adjustable aquarium and can be remotely controlled by smart phone
- * **Smart agriculture monitoring**
plants can be watered and monitored using smart phone
- * **Voice Assistance using python**
voice assistance using python can do messaging, surfing and a lot of features

INTERNSHIP AND TRAINING

- * **10 days internship in AI and python**
conducted by PEACE LAB, Cochi
- * **Hands on Workshop in Robotics**
Conducted by Techiosa
- * **Hands on Workshop in Embedded System**
Conducted by Techiosa
- * **Industrial visit And Workshop in Embedded System**
Conducted by Network bulls, Delhi

CONTACT

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SKILLS

- * PYTHON
- * JAVA
- * JAVA SCRIPT
- * C, C++
- * HTML
- * CSS
- * MICRO PYTHON
- * ARDUINO PROGRAMING
- * SQL
- * SHELL PROGRAMING
- * GIT
- * DATA STRUCTURE
- * OOPS
- * DIGITAL AUDIO MIXING
- * CONTENT CREATION
- * NETWORKING

FAMILIAR WITH

- * ARDUINO PROGRAMING ENV
- * KALILINUX
- * MYSQL
- * DATA STRUCTURE
- * OOPS
- * DIGITAL AUDIO MIXING
- * CONTENT CREATION

EDUCATION

B Tech Computer Science (2019-23)
Mgm College of Engineering And
Pharmaceuticals
Valanchery
Certified pentester (2021)
RedTeam Hacker Academy
Calicut

LANGUAGES

English
Tamil
Hindi
Malayalam