M Vaseekaran

Belgavi, Karnataka | [vaseerashi@gmail.com](mailto:vaseerashi@gmail.com) |7406003857 |

<https://www.linkedin.com/in/m-vaseekaran-a43256291/>

# To leverage my strong programming knowledge and versatile nature to excel as a programmer in a dynamic and

# diverse work environment, contributing to the organization’s success across various domains.

# EDUCATION

# **Bachelor of Technology (B. Tech)-CSE Spl In AIML 2023 - 2027**

# Kalasalingam Academy of Research and Education, Madurai (India)

# CGPA: **9.16**

## Higher Secondary Education (PCMB) 2023

## S.Y.K PU College, Ramdurg, Karnataka (India)

## Percentage:96%

## Secondary School Education(CBSE) 2021

## Sri Veerabhadreshwar English Medium School Godachi, Karnataka

## Percentage:82%

# LANGUAGE

# English [R-W-S] | Kannada [S] | Telugu[S] | Tamil [S] | Hindi [R-W]

# **Programming skills**: Python , R ,sql , java,

# **Tools and Frameworks**: flask. django, node.js

# **Operating Systems**: Windows

# **Personal** : Multilingual, Communication , Time Management, Leadership, Team Management.

# PROJECTS

# **Agri-Smart Hub -** [**https://vaseekaran263.pythonanywhere.com/**](https://vaseekaran263.pythonanywhere.com/)

# Developed AgriSmartHub, a multilingual website designed to empower farmers and agricultural professionals with comprehensive digital tools and resources for sustainable agriculture. The platform integrates advanced features like plant leaf disease detection, crop recommendation, and yield prediction to aid informed decision-making and improve productivity. AgriSmartHub also includes an eKart for convenient online purchasing of fertilizers, seeds, and tools, as well as AgriReels, a section for short, informative videos. Users have access to a chatbot for real-time assistance, regular news updates, and an e-learning platform for skill development. Additionally, the website provides detailed information on government schemes to promote awareness of available benefits. With language options in Tamil, Telugu, and English, AgriSmartHub ensures accessibility for a broad and diverse user base.

# **Tomato Leaf Disease Detection Using CNN**

# This project aims to develop a Convolutional Neural Network (CNN) model to detect and classify diseases in tomato leaves from images. By training on a large dataset of healthy and diseased leaf images, the model can accurately identify conditions like early blight, late blight, and leaf mold. This automated system will aid farmers and agricultural professionals in diagnosing plant diseases quickly and efficiently, improving crop management and yields.

# **Small Scale Wind Energy Device ( Smart India Hackathon – Hardware Project)**

# Developed a small scale vertical axis wind turbine using VWAT(Vertical Axis Wind Turbine) with hollow blades . Utilizing AIML in small-scale wind turbines for optimized performance, predictive maintenance , enhanced efficiency, and accurate power curve forecast and prediction.

# CERTIFICATIONS

# Oracle Cloud Infrastructure 2023 Certified Data Science Professional Oracle University

# Project Management Fundamentals – IBM

# aws learning academy – cloud

# Data analysis using r programming

# hapdoop fundamentals

# POSITIONS OF RESPONSIBILITY

# **Social Media Lead**, KARE ACM Student chapter, Kalasalingam Academy of Research and Education. *April 2023 – Present*

# ACHIEVEMENTS

# **1st place in Hackare ACM Hackathon**, Hackathon on Smart Farming(Won 10K Cash Prize).

# **1st place in IdeaSpark**,Project Exhibition(Won 5 K Cash Prize)..

# **3rd place in Software Freedom Festival,** Project Based on Small scale wind energy device(Won 2K Cash Prize)..

# **3rd place in IBM Paper Presentation,** Paper on Tomato leaf disease detection using CNN.

# **SMART INDIA HACKATHON FINALIST 2023 (**Hardware edition**),** Top 5th team out of 315 teams across INDIA.

# **8th****place in Coderush IBM Hackathon (**out of 215 teams**),**Project Based on Smart Fire Detection and Prevention.

# HOBBIES

# Playing Chess and Table Tennis

# Video Editing

# DECLARATION

# *I hereby certify that the above given data are true and correct to the best of my knowledge and belief.*

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# **Signature**

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