



# UMAA MAGESHWARI S



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## About Me

Self-motivated student seeking for a job in high paced environment to garner more knowledge in my domain, in order to come up with new solution for challenging problems with accuracy.

## Technical Skill

- **Languages:** C,Python,Java,HTML,CSS
- **Database:** SQL
- **Operating Tools:** Windows
- **Data Tools :** Microsoft Office

## Soft Skill

- Optimistic
- Decision making
- Communication
- Analytical
- Leadership

## Areas Of Interest

- Machine Learning

## Education Background

### ● R.M.D. ENGINEERING COLLEGE

B.E. Computer Science And Engineering  
CGPA: 9.49

### ● S.t Dominic's Anglo Indian Higher Secondary School

MAY 2021 | State Board : 93.7%

MAY 2019 | State Board : 90%

## Professional Membership

- ISTE Membership
- CSI Membership

## Symposium

### CHENNAI INSTITUTE OF TECHNOLOGY

#### ● HACKERZ : GLITCHED EVENT

To debug the given code using python programming language

### VELAMMAL ENGINEERING COLLEGE

#### ● EVENT: PAPER PRESENTATION

**TITLE: PLANT DISEASE PREDICTION**

Designed to provide diagnostic and treatment solutions for plant and crop diseases using Deep learning.

## Awards

### NPTEL DISCIPLINE STAR AWARD

## Paper Published

**Machine Learning at the Quantum Scale: A Quantum Leap in Understanding and Treating Heart Disease**

**PAPER PRESENTATION** - Published in UGC CARE/Scopus/ WoS indexed journals.

In our research we use quantum machine learning technique to predict and intervening in heart diseases, utilizing quantum circuits to enhance data expressive capacity by making use of Penny Lane tool for our research.

## Certifications

### ● NPTEL :

1. The Joy Of Computing Using Python(**GOLD + TOPPER 2%**)
2. Programming In Java(**TOPPER 3%**)
3. Problem Solving Through Programming In C(**SILVER MEDAL**)
4. Programming, Data Structures And Algorithms Using Python(**SILVER MEDAL**)
5. Natural Language Processing(**ELITE**)
6. Design And Analysis Of Algorithm(**ELITE**)

### ● COURSERA :

1. Problem Solving Using Computational Thinking

## Projects

### ● PREDICTION OF PLANT DISEASES - ROLE : TEAM LEADER

IIC 5.0-PHASE 4 PROJECT EXHIBITION : 1st PLACE - AUGUST 2023

GLANCE VILLAGE HACKATHON: - APRIL 2023

GITHUB LINK: <https://github.com/Umaa487/Plant-Disease-Prediction>

YOU TUBE LINK: <https://www.youtube.com/watch?v=LyziadPNMFM>

Designed to provide diagnostic and treatment solutions for plant and crop diseases using Deep learning.

### ● STOCK MARKET PREDICTION - ROLE : TEAM LEADER

SPARKATHON: - AUGUST 2023

GITHUB LINK: <https://github.com/Umaa487/Stock123>

YOU TUBE LINK: <https://www.youtube.com/watch?v=nE6UDEy9fIY>

Designed to provide open and close price and various visualisations regularly using real-time stock market dataset and built using ARIMA model.

### ● AGRI CONNECT : Bridging Farming with Mobile Tech

- ROLE : INDIVIDUAL

MSME: - AUGUST 2023

This project integrates IoT-enabled sensors and weather data collection. The app offers a user-friendly interface for crop health prediction, schemes information, weather forecasts. This innovative system optimizes water usage enhancing crop yield and sustainability.

## Internships

### NSIC - TECHNICAL SERVICES CENTRE

- JAN 2023 | IoT Applications using Raspberry Pi
- JULY 2023 | UI/UX Design

### INFINITY COSMOS TECHNOLOGIES

JAN 2024 | Full-Stack Web Developer