

# Mahendra Vakkalagadda

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🔗 Mahendra4876 | 🌐 Website- Personal Potfolio

## CAREER OBJECTIVE

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Looking for an entry-level software engineering role where I can apply my skills in programming, algorithms, and problem-solving to create efficient solutions and grow within a collaborative team.

## SKILLS

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### Technical Skills

**Programming:** Python, Java,SQL

**Web Development:** HTML, CSS, JavaScript, Bootstrap, React

**Backend:** Flask

**Version Control:** GitHub

**Soft Skills:** Communication, Problem-Solving, Teamwork, Adaptability

**Tools & Technologies:** Google Colab, Apache Cassandra, Apache Spark, SQL Server Studio, XAMP, Visual Studio Code

## EDUCATION

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**Vel Tech Rangarajan Dr. Sagunthala RD Institute of Science and Technology**

Bachelor of Technology - Computer Science and Engineering

**Chennai**

Aug 2022-May 2026

**Vijaya Junior College**

High School

**Andhara Pradesh**

July 2020 – May 2022

**Challapalli Public School**

School

**Andhara Pradesh**

May 2020

## PROJECTS

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### Plant Disease Detection Using Deep Transfer Learning

- Developed a deep learning model using Convolutional Neural Networks (CNN) to identify and classify crop diseases from leaf images. Collected and preprocessed agricultural datasets, applied image augmentation techniques, and trained a CNN model to detect plant diseases with high accuracy. Evaluated model performance using metrics like accuracy, precision, and recall to ensure reliable predictions. Additionally, the system recommends suitable pesticides and fertilizers for the identified diseases.

### Personal Portfolio Website

- Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase web development skills and projects. Implemented responsive design techniques to ensure optimal performance on desktops, tablets, and mobile devices.
- Tools Used: HTML, CSS, JAVASCRIPT
- Portfolio Link: <https://mahendra4876.github.io/Portfolio/>

## CERTIFICATES

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- Completed course on "Python for Beginners-Mastering The Essentials" By Scaler."
- Data Analytics Essentials: "Cisco Networking Academy"
- Completed NPTEL course on "Municipal Solid Waste Management"