

# Hema Satya Durga Mamidipalli

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## Professional Summary

BSc Computer Science student with foundational knowledge in web technologies (HTML, CSS, JavaScript) and Python programming. Strong interest in webdevelopment and problem-solving, with a keen willingness to learn and grow in the techfield. Looking to apply and expand my skills through practical experience.

## Project Work

### Agriculture Market Connect

Present

The Agriculture Market Connect web application is a platform designed to bridge the gap between farmers and buyers, enabling direct and transparent market access. This application aims to help farmers list their agricultural produce and connect with potential buyers without relying on middlemen, ensuring fair pricing and better market reach. The frontend of the application is built using HTML, CSS, and react js, providing a responsive and user-friendly interface for both farmers and buyers. The backend is developed using Python, handling data processing, form submissions, and server-side logic.

Key Features:

- Farmer Registration & Login: Secure account creation and login system for farmers.
- Product Listing: Farmers can list their produce with details like crop type, quantity, price, and location.
- Buyer Interface: Buyers can browse available produce and contact sellers directly.
- Real-time Interaction: Seamless communication between farmers and buyers through integrated messaging or contact details.
- DataHandling with Python: Backend processes user input, stores listing data, and ensures secure datahandling.

Tech Stack: React JS, Flask, MongoDB

## Technical Skills

**Programming Languages:** C#, Java, JavaScript, Python

**AI/ML & Data Science:** NumPy, Pandas

**Other Skills:** Web Technology Skills

## Education

### Aditya Degree College, Amalapuram

July 2023 – Present

*Bachelor Of Science, Computer Science*

GPA: 8.5 (Current)

### Sri Chaitanya Junior College, Amalapuram

June 2021 – March 2023

*Mpc*

Percentage: 92%

### Zp High School, Allavaram

August 2020 – March 2021

*10Th Grade*

Percentage: 95%

## Certifications

**PythonEssentials1** | CiscoNetworkingAcademy | 2025-05-06

**PythonEssentials2** | CiscoNetworkingAcademy | 2025-06-08

**HTML5 Application Development** | certipoint | 2025-07-15

**Introduction to Soft Skills** | TCSION | 2024-05-21

**Basics of Python** | Infosys Springboard | 2023-10-21

**Python Fundamentals** | Redhat Academy | 2025-01-04

## Hackathons / Competitions

- Participated in a WebTechnology Hackathon where I collaborated with a team to design and develop a functional web application using HTML, CSS, and JavaScript. Gained practical experience in front-end development, UI design, and teamwork under time constraints. Strengthened my understanding of responsive design and dynamic user interfaces.