

Harini Surya Kanchusthambam

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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 web development and problem-solving, with a keen willingness to learn and grow in the tech field. Looking to apply and expand my skills through practical experience.

Project Work

CGPA Calculator

This project is a CGPA (Cumulative Grade Point Average) Calculator developed using HTML, CSS, and JavaScript. The purpose of this tool is to help students easily calculate their CGPA based on their subject grades and credits. Users can enter multiple subjects, assign credit hours, and select corresponding grade points. The calculator then processes this data by computing the weighted average of grade points and displays the final CGPA.

Key Features:

- Input fields for subject grades and credit hours
- Dynamic calculation of CGPA based on inputs
- Clean and responsive UI
- Instant output display without page refresh

Tech Stack: HTML, CSS, Javascript

BMI Calculator

Developed a BMI Calculator using HTML, CSS, and JavaScript to help users quickly determine their Body Mass Index based on height and weight inputs. The application provides an interactive and responsive web interface where users can input their measurements in metric units (kilograms and centimeters) or imperial units (pounds and inches), and instantly receive their BMI value along with a health status category (Underweight, Normal, Overweight, Obese).

Key Features:

- Designed a responsive UI with HTML and CSS for optimal display on desktop and mobile devices.
- Implemented JavaScript logic to:
- Capture and validate user input.
- Perform BMI calculations using standard formulas.
- Display BMI results dynamically without reloading the page.
- Categorize BMI based on WHO health standards.
- Included error handling for invalid or missing inputs.

Tech Stack: HTML, CSS, Javascript

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 JavaScript, 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.
- Search & Filter Options: Easy navigation through product listings by category, location, or price.
- Real-time Interaction: Seamless communication between farmers and buyers through integrated messaging or contact details.
- Data Handling with Python: Backend processes user input, stores listing data, and ensures secure data handling.

Tech Stack: HTML, CSS, javascript, python

Technical Skills

Programming Languages: C#, Java, JavaScript, Python

Databases: MySQL

AI/ML & Data Science: NumPy

Other Skills: Web Technology Skills

Education

Aditya Degree College, Amalapuram <i>Bachelor Of Science, Computer Science</i> GPA: 8.9 (Current)	July 2023 – Present
Sri Chaitanya Junior College, Amalapuram <i>Mpc</i> Percentage: 90%	June 2021 – March 2023
Zp High School, Mukteshwaram <i>10Th Grade</i> Percentage: 93%	August 2020 – March 2021

Certifications

- Python Essentials 1** | Cisco Networking Academy | 2025-05-06
- Python Essentials 2** | Cisco Networking Academy | 2025-06-08
- HTML5 Application Development** | certiport | 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 Web Technology 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.