



# Rayavarapu Murali karthik

**Date of birth:** 23/08/2003

**Nationality:** Indian

## CONTACT

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europass

## WORK EXPERIENCE

**14/05/2024 - CURRENT** Guntur, India

**Web application developer** Maawaa Bro IT solutions PVT LTD

**Worked on Company Product and Client Projects .**

In the Company my Role is Front-end-developer .

My role is primarily centered around web development, where my core responsibility is to deliver visually appealing and highly functional web pages that ensure cross-device compatibility.

These web designs are crafted to captivate both clients and end-users, offering a seamless and engaging user experience.

During my tenure, I have successfully completed three major web development projects: In addition to them, I also designed a comprehensive user interface for the company itself. Furthermore, I developed an advanced tool for the website, which includes features such as bar graphs, line charts, and dynamic tables, aimed at enhancing data visualization and user interaction.

## EDUCATION AND TRAINING

**20/08/2020 - 03/06/2024** Guntur, India

**Mechanical Engineering** Vignan's Foundation for Science, Technology and Research.

Mechanics  
AI for Mechanical Engineering  
Robotics

**Website** <https://vignan.ac.in/newvignan/> | **Field of study** Engineering, manufacturing and construction | **Final grade** 8.3 | **Level in EQF** EQF level 6 |

**National classification** A++ | **Type of credits** 180 | **Number of credits** 180 |

**Thesis** Design and Fabrication of Rover For Smart Plant Monitoring System Using Internet of Things

**07/07/2018 - 04/04/2024** Guntur, India

**Board of Intermediate Education of Andhra Pradesh** Sri Chaitanya junior collage

**Field of study** Natural sciences, mathematics and statistics | **Final grade** 9.4 |  
**Level in EQF** EQF level 5

**06/06/2017 - 04/10/2018** Guntur, India

**Board of Secondary Education Andhra Pradesh** Kennedy School

**Field of study** Education | **Final grade** 9.0

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Telugu

**Other language(s):**

English

**Listening** B2

**Reading** B2

**Writing** B2

**Spoken production** B2

**Spoken interaction** B2

## CERTIFICATIONS

### ● Completed python Programing Course in NPTEL

09/11/2023 – 03/02/2024

### ● Completed Programing in Java Course in NPTEL

05/06/2024 – 28/08/2025

### ● Completed Product Design and manufacturing

## DIGITAL SKILLS

Figma | Node.js, React.js | NodeJS, Express.js | Python Language - Basic knowledge | Html, Java, CSS

## PROJECTS

01/01/2024 – 06/03/2024

### ● Smart Plant monitoring weather monitoring system

Project is divided into two key components: one part monitors **temperature, humidity, and soil moisture levels**, while the other part measures **light intensity and air quality**. To achieve this, you've integrated various sensors such as the **DHT11, moisture sensor, MQ135 sensor, and ESP8266 module**. Additionally, a **water pump** is controlled via the **BLYNK** app, allowing the user to remotely manage the irrigation system from anywhere.

One of the standout features of my project is the **remote control of the water pump**, which enables users to turn the pump on or off through their smartphone, ensuring the plant's watering needs are met no matter where they are. Another practical element is the **LCD display**, which provides real-time feedback on the **light intensity and air quality levels** directly at the setup.

To gather and visualize the sensor data, you've connected the system to the **BLYNK app** using a token ID. In the app, I had designed an intuitive user interface featuring components like **pump control switches** and **gauges** to monitor all the critical parameters. This setup allows for easy tracking of environmental conditions essential for plant growth.

In addition to improving environmental control, the project is highly interactive and user-friendly, making it an excellent tool for plant care automation. Users can monitor and adjust conditions conveniently, ensuring that plants receive optimal care in real-time.

12/06/2024 – 26/06/2024

### ● Cafe Website

In my café website project, I developed a total of five distinct pages: **Home, Menu [which is further categorized into Pastry and Coffee], About Us, Contact Us**, and Address. The Home page features a curated list of available items, offering users a seamless browsing experience. I also integrated an "Add to Cart" functionality, allowing users to conveniently save items they wish to purchase.

In terms of payment options, I implemented a basic payment gateway where, for the time being, only Cash on Delivery (COD) is supported. Once the user selects "Place Order," they are directed to the Address Details page, followed by the Payment Section. This streamlined process ensures users can effortlessly provide their delivery information and finalize their orders.[mobile,Tab,Laptop Views]

Link <https://coffee-shop-ten-hazel.vercel.app/>.

17/07/2024 – 05/08/2024

### ● Freelancing Website.

In the Freelancing Website project, I developed a total of five distinct pages: Home, Services, Plans, About Us, and Projects. The **Home** page features an overview of the services I offer, along with a showcase of ongoing projects and a list of clients I've worked with.

The **About Us** page provides a detailed introduction to myself, my team members, and key clients [mobile,Tab,Laptop Views]

Link <https://business-website-lake.vercel.app/>

05/09/2024 – 20/09/2024

## Photography Website.

The **Home** page highlights the primary photography services offered, giving users a snapshot of the core offerings. The **Services** page provides a comprehensive list of all available services in greater detail, enabling users to explore various options. The **Contact Us** page is designed to facilitate seamless communication, allowing users to submit inquiries or messages directly. Lastly, the **About Us** page provides an in-depth overview of the photography website, including its purpose, background, and ethos.

**Technologies Used :**React js,HTML,CSS,Javascript.Write here the description...

Link <https://photoshop-six.vercel.app/>.