



# Abilash Manikandan

Mechatronics Engineer

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📍 58, Kamachiamman Street, Kumaranandhapuram, Tiruppur - 641602

## About Me

A final year Mechatronics Engineering student with a strong coding background, problem-solving abilities, and a deep passion for software development. Passionate about embracing new challenges, collaborating with like-minded individuals, and employing my skills to better the ever-evolving world of technology

## Project Experience

- **Title:** Automated Guided Vehicle(AGV) (Ongoing)

**Description:** Leading a multidisciplinary team in the design, development, and deployment of a fully autonomous AGV for military logistics and transport purposes.

**Tech Stacks used :** Arduino Due , Jetson Nano .

- **Title:** Web Application Development- Chatting Application

**Description:** Designed and developed a fully responsive web application, facilitating seamless and real-time communication among users through an interactive chat interface.

**Tech Stacks used :** MERN Stack, Socket IO, ChakraUI.

- **Title:** Portfolio Website Development

**Description:** Designed and developed a personal portfolio website to showcase my projects, skills, and experiences.

**Tech Stacks used :** HTML, CSS, JavaScript

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- **Title:** Weather Website Development

**Description:** Designed and developed a responsive weather website using Integrated real-time weather data from weather APIs to provide up-to-date forecasts.

**Tech Stacks used :** HTML, CSS, JavaScript, Weather APIs

## Education Background

- **Kumaraguru College Of Technology, Coimbatore**

BE- Mechatronics Engineering    2020-2024 (Current)  
CGPA-8.27

- **Infant Jesus Matriculation School, Tiruppur**

HSC-12TH STD    2019-2020  
Percentage-85.16

- **Infant Jesus Matriculation School, Tiruppur**

SSLC-10TH STD    2017-2018  
Percentage-96.2

## Hard Skills

- C++
- C
- HTML
- CSS
- JavaScript
- SQL

## Soft Skills

- Problem Solving
- Communication
- Critical Thinking
- Multi-tasking

## Area Of Interest

- Data Structures and Algorithms
- OOPS
- Digital Electronics

## Internships

Full Stack Web Development  
Intern in Edureka - Current

## Social Networks

🌐 <https://abilash-m.github.io/portfolio/>

in [linkedin.com/in/abilash-manikandan](https://www.linkedin.com/in/abilash-manikandan)

</> [https://leetcode.com/Abilash\\_M/](https://leetcode.com/Abilash_M/)

🐙 <https://github.com/Abilash-M>

## Languages

- English