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**College/university:** Dharmamurthi Rao Bahadur  
Calavala Cunnan Chetty Hindu College / Madras  
University





# PROJECT TITLE

**INTERACTIVE DIGITAL PORTFOLIO USING  
FRONTEND DEVELOPMENT**

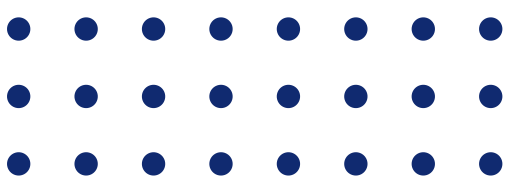




# PROBLEM STATEMENT

A traditional paper resume doesn't effectively showcase practical coding skills or project work in a competitive job market. To stand out, students need a dynamic and professional online presence to demonstrate their abilities to recruiters

My objective was to build a personal portfolio website that acts as an interactive resume, clearly presenting my technical skills, projects, and career goals to potential employers.



# PROJECT OVERVIEW

**This project is a single-page website built from scratch to serve as my professional digital portfolio. It provides a comprehensive look at my profile, including my skills, project experience, and easy ways to contact me or download my resume.**

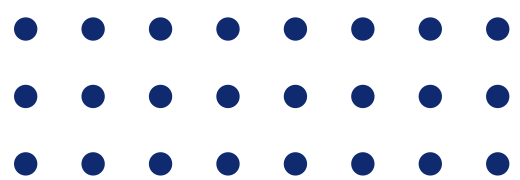
**It was developed using only fundamental frontend technologies**

**HTML**

**CSS**

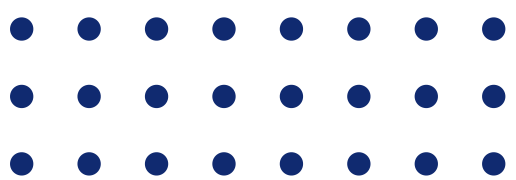
**JavaScript**

**to demonstrate a strong understanding of web development principles**



# WHO ARE THE END USERS?

- **Technical Recruiters and HR Managers who need a quick summary of my skills and qualifications.**
- **Hiring Managers and Team Leads who want to see evidence of my project work and technical capabilities.**
- **Professors and Mentors who track my progress and development.**



# TOOLS AND TECHNIQUES

## 1. Languages:

- HTML5 for the website's structure.
- CSS3 for styling, layout (Flexbox/Grid), and animations.
- JavaScript (ES6) for all interactive elements.

## 2. Development Tools:

- Visual Studio Code as the code editor.
- Git and GitHub for version control.

## 3. Assets:

- Google Fonts for modern typography.
- Font Awesome for high-quality icons.

# PORTFOLIO DESIGN AND LAYOUT

- **Theme:** The site uses a modern dark-mode theme with a vibrant purple-pink gradient as an accent color for a professional, tech-focused look.
- **Layout:** It's a single-page design for a smooth, uninterrupted user experience. A sticky navigation bar at the top allows for easy navigation between sections.
- **Responsiveness:** The layout uses CSS Grid and Flexbox, making it fully responsive. It automatically adapts to look great on any device, from a large desktop monitor to a small mobile phone.

# FEATURES AND FUNCTIONALITY

- **Dynamic Typing Effect:** JavaScript creates an animated typing effect in the hero section to introduce my roles.
- **On-Scroll Animations:** As you scroll, sections fade in and skill bars animate from 0% to their full value, which is handled by the JavaScript Intersection Observer API.
- **Interactive Project Cards:** Project cards have hover effects and direct links to the Live Demo and Source Code.
- **Functional Buttons:** The "Download Resume" button instantly saves the PDF, and the contact buttons correctly open the user's default Email or WhatsApp application.



# RESULTS AND SCREENSHOTS

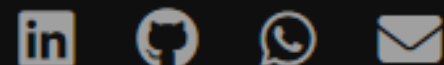
Hariharan Portfolio

About Skills Projects Contact

## R. Hariharan

### Machine Learning Developer

An ambitious Computer Science student specializing in AI, with a passion for Cloud Computing and building innovative solutions.



Download Resume



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# RESULTS AND SCREENSHOTS

## Hariharan Portfolio

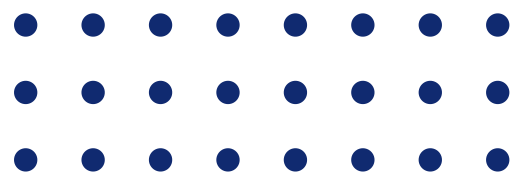
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### About Me

I am a second-year B.Sc. Computer Science student at **DRBCCC Hindu College (University of Madras)**, with a deep focus on Artificial Intelligence. My journey into tech started with a curiosity for how things work, which has now evolved into a passion for developing intelligent systems. I have hands-on internship experience in creating NLP models using Python and have a strong desire to become an AWS Certified Cloud Architect.

I thrive on challenges and am constantly working to bridge the gap between theoretical knowledge and real-world application. My goal is to secure a role where I can combine my skills in Python, AI, and Cloud technologies to contribute to cutting-edge product development.

# RESULTS AND SCREENSHOTS

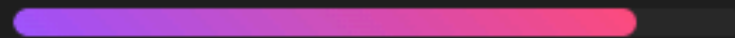


## Hariharan Portfolio

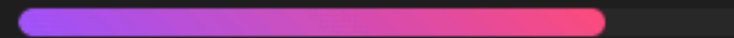
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### My Technical Skills

Python



JavaScript & React



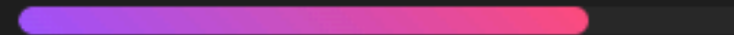
Machine Learning



AI / Deep Learning



Data Science



Node.js



MongoDB



Cloud (AWS/Azure)



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# RESULTS AND SCREENSHOTS

## Hariharan Portfolio

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### My Projects

#### Quiz & Learning Analytics

A web application designed to help users test their knowledge through quizzes while providing analytics on their performance.

React

Node.js

MongoDB

Chart.js

Live  
Demo

Source  
Code

#### Depth Estimation Model

An AI model developed during my internship to enhance depth estimation from 2D images, improving accuracy by 15%.

Python

PyTorch

Computer Vision

Private Repo

#### Motion Planning Algorithm

Designed an advanced motion planning algorithm that increased system efficiency by 25% for a robotics project.

Python

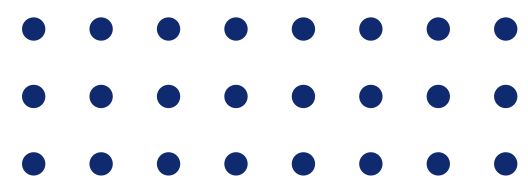
Robotics

Algorithms

View on GitHub

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# RESULTS AND SCREENSHOTS



**Hariharan Portfolio**

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## Get In Touch

I'm currently seeking internship opportunities and am always open to new challenges. My inbox is always open, whether you have a question or just want to say hi, I'll try my best to get back to you!

 [Email Me](#)

 [Chat on WhatsApp](#)



THANK YOU