

M.S.S. Manikanta Swamy

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github.com/Manikanta416 | my-portfolio3.vercel.app

Objective

A passionate and detail-oriented software developer with a strong foundation in programming, web development, and problem-solving. Eager to build scalable and efficient IT solutions while continuously learning and adapting to emerging technologies.

Education

Bachelor of Technology (ECE) , Vishnu Institute of Technology CGPA: 8.8	2022 – 2025
Diploma (ECE) , Smt. B. Seetha Polytechnic CGPA: 9.8	2019 – 2022
Secondary School Certificate , Ravindra Bharathi School CGPA: 9.8	2018 – 2019

Skills

- **Programming Languages:** Python, HTML, CSS
- **Frameworks/Runtime:** React.js, Node.js, Express.js
- **Tools:** Git, Visual Studio, Jupyter Notebook
- **Soft Skills:** Leadership, Time Management, Public Speaking

Internship

Web Development Intern

- Developed a **responsive e-commerce website** using HTML, CSS, and JavaScript.
- Designed an **interactive and user-friendly interface** with effective navigation and engaging functionalities.

Projects

Community Connect Platform

React.js, MongoDB, Tailwind CSS

- Developed a **web-based platform** to enhance local awareness and community interaction.
- Implemented features for users to **post queries, share updates, participate in polls**, and stay informed about local events and services.

AI-Driven Bird Feed Optimization System

Python, ThingSpeak, NumPy, Pandas, Matplotlib

- Built a **machine learning model** to predict feed requirements using real-time sensor data.
- Integrated **IoT sensors with ThingSpeak API** for data collection and monitoring.

Weather Pulse – Real-Time Weather Forecasting

JavaScript, HTML, CSS, Weather API

- Developed a **web-based weather forecasting application** using OpenWeather API.

Certifications

- **Python Programming** - Cisco
- **Basics of SQL** - IBM

Techno-Cultural Activities

- Organized the **Valiant** technical event on campus.
- Certified participant in the **Inter-SIH Competition**.
- Active member of the **coding club**.