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# M. SANTOSH

2023 - GRADUATE

## EDUCATION

### Bachelors of Engineering – 8.8 CGPA

MVJ College Of Engineering | 2019–2023

Electronics & Communication Engineering

### 12th CBSE – 84.2%

Sri Chaitanya Techno School | 2019

### 10th CBSE – 9.2 CGPA

Army Public School ASC C&C | 2017

## COURSE

Udemy – The Complete 2023 Web Development Bootcamp by Dr. Angela Yu (On going)

## SKILLS

- **Web Development** – HTML, CSS, JavaScript
- **Programming Languages** – C programming, OOPs in C++, Java, Python.
- **Hardware Skills** – Arduino platform, CNC Control, Embedded Systems and VLSI System Design.
- Good Communication with Work Ethic & Discipline
- Teamwork and Coordination with Flexibility and Adaptability

## CERTIFICATES

- Cisco Networking Academy – Cybersecurity Essentials Course
- Introductory training on Robotics and Automation using Arduino

## LANGUAGES KNOWN

English Hindi Telugu Kannada Tamil

## PROFILE

Highly motivated and enthusiastic fresh graduate seeking a challenging position as a Software Developer. With a solid foundation in programming and technical knowledge, I am eager to apply my skills and contribute to innovative projects while continuously enhancing my knowledge.

## EXPERIENCES

### Defence Research & Development Organization (DRDO)

Intern

03 Mar – 31 Mar 2023

Internship Programme in Centre For Airborne Systems (CABS) – DRDO Bangalore about Radar's working principle and its applications. Also Generated, modeled and processed Radar Signal to simulate real world scenario in MATLAB and FPGA.

### Southwestern Railways (SWR)

Intern

07 Sep – 05 Oct 2022

Internship Programme in Signal and Telecommunication Dept. SWR, Bengaluru Division about the Importance of Signal and Telecommunication Dept. in Indian Railways and gained knowledge on communication technologies in use.

## PROJECTS

### My Website

Created a website about my self using HTML and CSS learnt from Udemy course. Link – <https://santosh-7124.github.io/html-myself/>

### Major Project – Real Time Arduino based Cardiac Disease Detection using Neural Network

Built a low cost device to predict heart related disease in real time using AD8232 sensor and Machine Learning Algorithms with high accuracy and portability for early detection of disease

### Mini Project – Mini CNC Plotter using DVD Writers

Built a low cost mini CNC plotter using stepper motors from DVD writers and G code which makes it easy to control motors that helped to create Difficult and Complex Designs on paper.

## INTERESTS

Coding Electronics Photography Swimming Travelling