I am Y Sarvani swapna priya, a student in Central University of karnataka, pursuing "Integrated M.Tech in Electronics and communication engineering with specialization in Information and Communication Technology". I have keen interest in Internet of Things, Web Server development, Machine learning and embedded systems.

I am fascinated about the electronics, and hardware and started developing my skills in programming and development of hardware things. Since my first year, I have learnt about Arduino, Raspberry pi, and such platforms. In my second year, I had made a couple of projects. The first one was an Ultrasonic Radar detection system using Arduino ultrasonic sensor, which detected the threat and displayed on Monitor. I have much passion and interest in the development of IoT and hardware. The second project was purpose specific mini calculator using Arduino and 4*4 keypad which can be designed according to the required purpose. I pursued a course on Introduction to Internet of Things.

I had completed internship in web development in opencart at Knockonce Company. As the part of project I designed an E- Commerce website along with many AddOn's and extensions. I have also worked with MATLAB under pantech solutions and learnt on the basics and application based approach in MATLAB. I have pursued an internship at New Delhi connect in Graphic designing and Content Writing. I am currently working on an Image Processing Project under Dr. Dheeraj Kumar at IIT Roorkie.

I had also pursued an internship under Dr Albert Sunny, at IIT Palakkad, in the area of Internet of things and web server development. In that, we designed an Authentication based Smart-door lock using Arduino, ESP8266 and servo motor. Web server was created using Node.Js, MongoDB and Mongoose. It was designed for institutions and organizations where a room needs to be used by specific number of people.

I always try to build things/tinker with them whenever I get a chance, and am always willing and proactive in learning about electronics.

I see this internship as an opportunity to expand my skills, and learn about new things in the area of my interest. I want to get an opportunity to work on a project in Internet of things, programming, Web server development and their applications. I earnestly hope to get an opportunity to work in an esteemed institution like IIT Gandhinagar, as it will help me learn new things, give me exposure and will provide me a platform to explore the fields of IoT.

Given an opportunity, I shall strive to channel my unbridled efforts into more productive avenues. I am looking forward to a challenging career in the field of IoT, which may even be arduous & demanding at times, but I am confident that with my sincerity, and dedication, I shall be able to make a deep contribution to the ongoing R&D & live up to the high standards expected off your institutions.