

### **Career Objective:**

To associate with an Organization which progresses in every aspect and helps me expand my knowledge and enhance my skills in technologies and to be a part of a team that excels in work towards the growth of the Company and gives me a satisfaction thereof.

### **Academic Background:**

- Completed **Bachelor of Technology in Electronics & Communication Engineering (ECE)** From **Jawaharlal Nehru Technical University**, Telangana with **aggregate 68% in 2016**.
- Secured **92.3%** in Board of Intermediate Education examination.
- Secured **88%** in Secondary School Certificate examinations.

### **Academic Projects:**

#### **1. GPS AND GSM BASED STUDENT TRACKING SYSTEM (MAJOR PROJECT)**

**DESCRIPTION:** Recently, all over the world, crime against children is increasing at higher rates and it is high time to offer safety support system for the children going to schools. This project mainly includes two units' i.e. parent unit and student unit. Student unit mainly contains GPS, GSM AND LPC 2148. The Parent unit is the receiver unit which receives the information of the student location this system mainly uses tracking system to find out the location of the student or vehicle which is missing. The ARM controller will poll GPS module sends the child location information (Latitude & Longitude) to any person over GSM network. The location is tracked by the GPS module and these values are sent to the parent or authorized person through the GSM at the transmitter. The whole system is integrated in a small chip and attached to the person body.

#### **2. WIRELESS DC MOTOR SPEED AND DIRECTION CONTROL USING RF COMMUNICATION (MINI PROJECT)**

**DESCRIPTION:** The speed and direction control of DC motor is very important for various kinds of uses. The vital role played by DC motors in the development of industrial power transmissions systems. Wireless communication is the transfer of information between two or more points that are not physically connected. Here we have chosen RF Technology because it has a long range of communication i.e. 3KHZ-300GHZ.

**Technical Skills:**

**Operating Systems** :Windows, Mac OS

**Programming Languages** Core Java, Objective C, basics of Swift.

**Data Base Languages** :SQLite,Coredata.

**Web Technologies** :Basics of HTML, REST Web Services.

**Achievements & Presentations:**

- won **first** prize in the inter college competition for securing highest marks(923)
- paper presentation on **wireless charging** in DRK college of engg and technology
- paper presentation on **analog communication** in DRK college of engineering and technology

**Extra-Curricular Activities:**

- Served as a Captain for all the sports meet held in my School.
- Participated in cricket tournament held at DRK College of Engineering and technology.
- worked as a volunteer in helping hearts organization.

**Declaration:**

I hereby declare that the details furnished above are true and I will be responsible for any incorrect information.

(A.SAI CHARAN)