

## **RESUME**

REDDY PRATHYUSHA SOMA  
816 Putnam Blvd,  
Apt B,  
Wallingford, PA.  
19086

Email Id : mrprathyu@gmail.com  
Phone : 2018844093

### **Career Objective:**

To join an interactive organization that offers me a stable and positive atmosphere to enhance my skills.

### **Software Exposure:**

Programming Languages	: C, Verilog HDL
Operating Systems	: Windows XP
Packages	: Microsoft Office

### **Educational Qualification:**

S.No	Course	BOARD/UNIVERSITY	Name of the Institution	Year	Percentage
1	MBA	JNTU(Ananthapur)	K.O.R.M College Of Engineering, Kadapa, AP, India	2014-2016	85%
2	M.TECH	JNTU(Ananthapur)	Madina Engineering College, Kadapa, AP, India	2010-2012	87%
3	B.TECH	JNTU(Hyderabad)	Madina Engineering College, Kadapa, AP, India	2002-2006	68%
4	INTERMEDIATE	Board of Intermediate Education, Hyd.	Nagarjuna Junior College, Kadapa, AP, India	2000-2002	76.2%
5	SSC	Secondary School Certificate	Nagarjuna High School, Kadapa, AP, India	2000	70%

## **Projects:**

### **1. B-Tech Project Title:** Image Steganography

#### **Description:**

Steganography is the practice of hiding private or sensitive information within something that appears to be nothing out of the usual. Steganography in the modern day sense of the word usually refers to information or a file that has been concealed inside a digital Picture, Video or Audio file. Mat Lab software is mainly used for the compilation of the program for the Digital Image Processing

### **2. M-Tech Project Title:** Reliable & Cost Effective Anti-collision Technique for RFID UHF Tag

#### **Description:**

In the data management system a significant role of the Data link layer is to convert the unreliable physical link between reader and tag into a reliable link. Therefore, the RFID system employs the Cyclic Redundancy Check (CRC) as an error detection scheme. In addition for reader to communicate with the multiple tags, an anti-collision technique is required. The technique is to coordinate the communication between the reader and the tags. In this project for simulation we use Modelsim for logical verification, and further synthesizing it on Xilinx-ISE tool using target technology and performing placing & routing operation for system verification on targeted FPGA

### **3. MBA Project Title:** A Study on Leverage Analysis

#### **Description:**

The financing or capital structure decision is of tremendous significance for the management since its influence the debt equity mix of the company, which ultimately affects shareholder's return and risk. In case the borrowed funds are more as compared to the owner's funds, it results in increase in

shareholder's earning together with increase in their risk. This is because the cost of borrowed funds is less than that of the shareholders' funds on account cost of borrowed funds being allowable as a deduction for income tax purposes. But at the same time, borrowed funds carry a fixed interest which has to be paid whether the company is earning profits or not. Thus the risk of the shareholders increases in case structure of the company. In a situation where the proportion of shareholder's funds is more than the proportion of borrowed funds, the return as well as the risk of the shareholders will be much less

### **Work Experience:**

Hospital Administrator at Sri Venkateswara Orthopaedic Hospital at Kadapa, AP, India from 15<sup>th</sup> Jan 2013 to 31<sup>st</sup> Aug 2014

### **Personal skills:**

- Quick learner
- Smart worker
- Self confident

### **Achievements:**

- ✓ Quiz Winner of B-Quiz in National Level Management Meet (M-Pulse-2015) in Tirupati, AP on 10<sup>th</sup> April 2015.
- ✓ Achieved best paper award on "NITI Aayog" in A National Level Students' Technical Symposium in Kadapa, AP on 27<sup>th</sup> March, 2015.
- ✓ Achieved best AD-Zap in National level Management Meet (ELITE-2K14) in Proddatur, AP on 17<sup>th</sup> Dec 2014.
- ✓ Achieved best paper award on "An Efficient Secure Anti-Collision Technique for Passive RFID Tag" in National Conference on Emerging

Trends in Information, Digital & Embedded Systems (NC'e-TIDES) in Rajampet, AP on 13-14<sup>th</sup> July 2012.

- ✓ Awarded Silver Medal in Junior General Knowledge and Intelligent Test held by Central Institute of General Knowledge Learning on 15<sup>th</sup> Oct 1997.

**Personal Profile:**

Name	:	<b>Reddy Prathyusha Soma</b>
Date of Birth	:	13 June 1985
Gender	:	Female
Marital Status	:	Married
Husband's Name	:	Dr. Sreenivasulu Metikala
Languages Known	:	English, Hindi & Telugu
Nationality	:	Indian