

Santosh Bogarajula



Computer Science Engineer

Objective: To work with an organisation that provides a stimulating work environment where my skills of working towards challenging projects will contribute to the benefit of the organisation.

EDUCATION

Northwest Missouri State University, Missouri State, USA — *Master's in Science*

January 2018 - May 2019

Applied Computer Science

Jawaharlal Nehru Technological University-Hyderabad, Telangana State, India — *Bachelor's of Technology*

August 2013 - May 2017

Computer Science & Engineering

EXPERIENCE

Northwest Missouri State University, Missouri — *Technology Support Assistant- Information Technology*

May 2018 - May 2019

Client Computing, troubleshoot computers (Macintosh & Windows), Lab network maintenance. Setup of personal devices to access the campus network, loading Operating Systems on campus computers, installing software and printers, assisting in documentation creation, training materials, and conducting training workshops.

PROJECTS

Coatings Estimator Project - Web Application (Express, Node JS, EJS, CRUD, MVC, MongoDB, CSS3, Heroku (Deployment), Git)

January 2019 – May 2019

A cost estimating app that will calculate the estimated amount for works like coatings, floorings etc. It maintains a record of works performed and uses previous projects as a point of reference to help predict the cost of other future projects.

Rebu - iOS Application (Swift, Xcode, MVC, Backendless, Git)

September 2018 – December 2018

An application to help people find and share rides within a radius of location. A person can post a request for ride from one place to another, can post to share a ride with someone while travelling to a place. The person willing to give a ride or requesting a ride can manage their rides and profile data.

CONTACT

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TECHNICAL SKILLS

LANGUAGES

Programming: C, C++, C#, JAVA, Swift, SQL.

Web: JavaScript, HTML, CSS, EJS, PUG, jQuery, NodeJS, Vue JS, Vue Press.

TECHNOLOGIES & TOOLS

Backendless	Xcode
.NET	Visual Studio
V S Code	Vue Press
MySQL	MongoDB
Heroku	Selenium Testing
Linux	Mac OS
Arduino IDE	iMovie

CERTIFICATION

Oracle Certified Java SE 6 Programmer

ORGANIZATIONS

ACM- Graduate Chapter

NCC - National Cadet Corps (India)

INTERESTS

Cooking

Gardening

Masters Study Plan - Web Application (C#, ASP.Net Core, Razor view, SQL, Visual Studio Community, Azure cloud (Deployment), MVC, Git)

January 2019 – May 2019

This application helps to understand the study plan for a Masters program. A user can create an account and plan his degree course by considering his undergraduate subjects, it helps to calculate the number of pre-requisite subjects required to take in-order to meet the Masters Degree requirement.

System for implementing smart lightning on highways using NodeMCU - IOT product (Node MCU ESP8266 (Micro Controller Unit), PIR(Passive Infrared) & LDR(Light Dependent Resistor) sensors and Arduino IDE. HTML5, CSS3, JavaScript, Notepad++)

Jan 2017 – Apr 2017

An Internet of Things project to implement a smart street light system, where the lights are turned ON/OFF based on the movement of vehicles. Using sensors to detect vehicles and intensity of natural light. A web page to display the stats. A web page to show the stats on sensors.

Design and implementation of real time system for water quality and level measurement using Microcontroller - IOT product (Arduino 8051 microcontroller, GSM Module, float sensor, pH indicator, ultrasonic sensor, connectors Arduino IDE)

August 2016 – December 2016

A real time water monitoring system developed using float sensors to acknowledge when the water level is minimum. The water quality measurement system monitors, the quality of water periodically. This can condemn the practice of collecting water samples and carrying them to the laboratory for purity testing. This system is equipped with multiple sensors to analyse the quality of water. A microcontroller 8051 with a GSM module is used to send the reports to the monitoring centre in the form of SMS. Hence, this system monitors the purity and also alerts when the level of the water in the storage is almost evacuated.

