



Bala Gopal Reddy Peddireddy →

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📅 07 August, 2000

CAREER OBJECTIVE

I want to use my creative skills, technologies that I have learnt to benefit the organization to the fullest. I intend to hone these skills further to build a fruitful professional career.

EDUCATION

B.Tech

Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology

2017 – 2021

CGPA-8.72

Intermediate

Sri Chaitanya Junior College, Vijayawada

2015 – 2017

Percentage-97%

CBSE

Dr.K.K.R's Gowtham International School, Gudavalli, Vijayawada

2014 – 2015

CGPA-10

TECHNICAL SKILLS

C Programming

Python

JAVA

HTML

CSS

Bootstrap

PROJECTS

DETECTION OF ALZHEIMER'S DISEASE USING MACHINE LEARNING →

Feb / 2020 - Apr / 2020

- Alzheimer's Disease is a disorder that causes the brain cells(neurons) and makes people die. which affects the thinking and behavioral skills of a person.
- Using the ML techniques, A model was developed to extract available data-set patterns from previously diagnosed AD patients and Identify Alzheimer's Disease.
- The trained model is interfaced with Web application using Flask.

MY RESUME →

Apr / 2020 - May / 2020

- After learning web designing, I have created a web page for my Resume. This website includes all my personal details ,projects and certifications.

FIRE ALARAM SYSTEM USING 8051 MICROCONTROLLER →

Apr / 2020 - June / 2020

- This project is about the design and implementation of a fire alarm system using the microcontroller which has been produced with low cost and with effective outcome.
- Proteus software is used for hardware simulation, Keil software is used to write C code and convert it into .hex file which is dumped in the microcontroller.

IMAGE DE-NOISING BY VARIOUS FILTERS FOR DIFFERENT NOISE USING OCTAVE →

Apr / 2020 - June / 2020

- In this project three types of noise (Gaussian noise , Salt & Pepper noise and Speckle noise) is used and image de-noising performed for different noise by Mean filter, Median filter and Wiener filter, FIR filter.
- Image processing allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and signal distortion during processing of images.

FINGERPRINT BASED ELECTRONIC VOTING MACHINE

Aug / 2019 - Oct / 2019

- This project is designed for integrating Electronic Voting Machine with the biometric of the voter. The model consists of a Finger Print Scanner, an Arduino, and LCD.
- Arduino to fetch, compare, and count the data and display the output in an LCD and a Finger Print Sensor Module to capture finger's print images and then convert it into the equivalent templates and save them into its memory on selected ID (location) by Arduino.

ARTICLES

How to Deploy a Static Website using Github? →

This article is entirely about the deployment of a static website using GitHub in two ways:

- *Using Master Branch*
- *Without using Master Branch*

Any complex website can be linked with so many CSS; JavaScript files can be deployed in GitHub.

How to run a flask application locally by using a Virtual Environment in Windows OS? →

This article guides you to create a virtual environment and run your flask application in your local-host containing the Windows Operating system by using various methods:

- *Command prompt*
- *Anaconda prompt*
- *Ubuntu application*

CERTIFICATIONS

Machine Learning →

an online course authorized by Stanford University and offered through Coursera

Machine Learning Foundations: A Case Study Approach →

an online a MOOC from the University of Washington and offered through Coursera course authorized by Stanford University and offered through Coursera

Web Development (Front End Developer)

course offered by iLander Pvt Ltd.

Python for Data Science →

an online non-credit course authorized by IBM and offered through Coursera

HTML, CSS3 & Bootstrap Certification →

course offered by udemy.

ACHIEVEMENTS

Elite and Silver Medal

in Programming, Data Structures and Algorithms Using Python by NPTEL Online Certification (sep -2019)

Python for Data Science and AI Badge →

A Badge was Issued by Coursera Authorized by IBM for the completion of Python for Data Science and AI course (Apr-2020)

ADDITIONAL ACTIVITIES

- Attended and Volunteered Youth Empowerment&Skills Workshop(YES+) in VNR VJIET conducted by (AOI) ART OF LIVING.
- Organised Musical concert in VNR VJIET conducted by (AOL) ART OF LIVING CLUB.
- Organised Teacher's event in VNR VJIET conducted by (AOL) ART OF LIVING CLUB.
- Volunteered Drag to Destination event in Convergence 2018 conducted by VNR VJIET.

LIFE SKILLS

Willingness to learn

Team building

Problem solving

Positive attitude

INTERESTS

Machine Learning

Web Development

HOBBIES

Playing Badminton

Playing Volleyball