



Bala Gopal Reddy Peddireddy →

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📅 07 August, 2000

CAREER OBJECTIVE

As a fresher, I want to put to use my creative skills, technologies that I am familiar with, innovative thoughts that will benefit the organization, and also help me in building my 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%

10th grade

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

2014 – 2015

CGPA-10

PROFFESIONAL SKILLS

C Programming

Python

JAVA

HTML

CSS

Bootstrap

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 and AI →

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)

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 dataset patterns from previously diagnosed AD patients and Identify Alzheimer's Disease.
- The trained model is interfaced with Web application using Flask.

FINGERPRINT BASED ELECTRONIC VOTING MACHINE

Aug / 2019 - Oct / 2019

- This project is designed for integrating Electronic Voting Machine with the data of the voter as in the Aadhar.
- The model consists of a Raspberry Pi Model B as the server used to give commands and an Arduino Uno 3 to fetch and store the data and display the output in an LCD display.

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.

FIRE ALARM 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 is 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.

ADDITIONAL ACTIVITIES

- Attended a workshop on Machine Learning in BITS Hyderabad
- Attended and Volunteered for Youth Empowerment & Skills Workshop (YES+) in VNR VJIET conducted by (AOI) ART OF LIVING
- Volunteered for Drag to Destination event in Convergence 2018 conducted by VNR VJIET

- Organized for Teacher's event in VNR VJIET conducted by (AOI) ART OF LIVING

LIFE SKILLS

Willingness to learn

Team building

Problem solving

Positive attitude

INTERESTS

Machine Learning

Web Development

HOBBIES

Playing Badminton

Playing Volleyball