



# 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 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 Data. The model consists of a Finger Print Scanner, an Arduino Uno, and LCD.
- Arduino Uno 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.

## 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 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.

## CERTIFICATIONS

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### 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

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### 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

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

## LIFE SKILLS

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Willingness to learn

Team building

Problem solving

Positive attitude

## INTERESTS

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Machine Learning

Web Development

## HOBBIES

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Playing Badminton

Playing Volleyball