



# 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

### SONG RECOMMENDATION SYSTEM

Dec / 2021 - Apr / 2022

- Recommendation engines are a way of modeling given information based on user preferences and then using this information to provide informed recommendations.
- It is a recommendation engine based on calculating similarities between a user's listened songs and the other songs in the data-set.
- The techniques using in this system are Correlation, Jaccard Index, Factorization.

### 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.

## CERTIFICATIONS

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### PCAP – Certified Associate in Python Programming Certification →

*course offered by Python Institute.*

### Microsoft Certified: Azure Data Scientist Associate Certification →

*course offered by Microsoft.*

### Microsoft Certified: Azure Data Fundamentals Certification →

*course offered by Microsoft.*

### Microsoft Certified: Azure Fundamentals Certification →

*course offered by Microsoft.*

### Microsoft Certified: Azure AI Fundamentals Certification →

*course offered by Microsoft.*

### Machine Learning →

*an online course authorized by Stanford University and offered through Coursera*

### HTML, CSS3 & Bootstrap Certification →

*course offered by udemy.*

## ARTICLES

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### Forecast The Future With Time Series Analysis →

*This is a detailed explanation of uni-variate time series analysis with an example.This article includes topics like:*

- *Seasonality check, Decompose the signal, Augmented-Dickey-Fuller Test*
- *Automated conversion of non-stationary to stationary data*
- *Time series forecasting models*

### 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.*

## Get Rid of Web Development's Phobia — Part 1 →

*This article contains essential information about some of the fundamentals of HTML and CSS.*

- *Tags, Head tag, Inserting Stylesheet, Relative Path, Elements, Units*
- *Preserving white space, Span, Opacity, Hypertext Reference, Source, Target*

## Create a Virtual Environment in Windows OS and run a flask application locally →

*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*

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

## LIFE SKILLS

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Willingness to learn

Team building

Problem solving

Positive attitude

## HOBBIES

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Playing Badminton

Playing Volleyball