# BHOGATHI KALPANA

+91 8919685807 ◊ kalpanareddy441@gmail.com

◊ LINKEDIN ◊ GITHUB ◊ PORTFOLIO WEBSITE

## OBJECTIVE

Currently pursuing B.Tech 3$^{rd}$ year majoring in Computer Science Engineering and Business Systems at Rajeev Gandhi Memorial College Of Engineering. Demonstrated expertise in Data Structures and Algorithms, Python, C, Java, Machine Learning algorithms, as well as web development technologies such as HTML,CSS,JavaScript. My goal is to gain hands-on experience in Machine Learning, Data Science and web development through internships and projects, thereby contributing to innovative solutions and advancing my technical skills in a dynamic and collaborative environment.

## EDUCATION

**B.Tech  Computer Science Engineering and Business Systems**, Rajeev Gandhi Memorial College Of Engineering and Technology,Nandyal.-(8.5CGPA)                                                                                            2022-2026

**Pre University Course -**M.P.C**,**RGUKT UNIVERSITY RKVALLEY –(8.9 CGPA)                         2020 – 2022

**SSC -**Z.P.High School,Kesepalli –(9.8 CGPA)                                                                          2016-2020

## SKILLS

**Technical Skills**          C, Python, java, SQL, Data Structures and Algorithms, NumPy,Pandas,Matplotlib,Machine Learning, Deep Learning Algorithms,Open CV,DataScienc,Deep Learning.

**Soft Skills**          Collaboration,Communication,Time Management,Problem solving.

**Frontend Skills**           HTML,CSS,Java Script,BootStrap.

**Tools**          VS Code,Github,Pycharm,Jupyter Notebook,Google Colab.

## PROJECTS

**House Price Prediction:** By leveraging historical data on house sales, we aim to build models that can provide accurate estimates of property values. This project can assist real estate agents, buyers, and sellers in making informed decisions. we made a model on prediction the house prices using various machine learning algorithms and Data Science concepts as Data Cleaning ,Data Preprocessing etc. Finally our model gets an high accuracy to make the project effectively.

**Link:** Github link

**Face Recognition:** Developed a robust face recognition system utilizing Convolutional Neural Networks (CNN) to accurately identify individuals from a dataset of 40 unique faces with each 10 different expressions. The project involved using Python, TensorFlow, Keras, and OpenCV to implement the CNN for feature extraction and classification. This project demonstrated high accuracy and efficiency in recognizing faces, showcasing my skills in machine learning and deep learning. And this model achieves an high and better accuracy.

**Link:** Githublink

**Age and Gender Prediction:** The Age and Gender Prediction project utilizes a Convolutional Neural Network (CNN) to classify facial images into age groups and gender categories. By preprocessing images using Open CV,Tensorflow,keras etc. through resizing and normalization, the model is trained to accurately predict age and gender from facial features. The project employs categorical cross-entropy loss and the Adam optimizer, with performance evaluated using accuracy metrics on validation and test datasets and it will give better accuracy.

**Link:** Github Link

## EXPERIENCE (INTERNSHIPS)

**MACHINE LEARNING INTERN**                                                                          MAY 2024 – JUNE 2024
  SKILLDZIRE                                                                                                                      Remote

- Worked on implementing machine learning algorithms in projects like face recognition ,Diabetes Classification, house price prediction.

- Gained experience in managing diverse datasets, including data preprocessing, model training, and evaluation.

- Collaborated with a skilled team, enhancing problem-solving abilities and learning systematic approaches to challenges.

- Developed technical proficiency in tools like Python, TensorFlow, and OpenCV, essential for building and deploying machine learning models.

**Web Developer Intern**                                        Dec 2023-Jan 2024

CodSoft                                                                    *Remote*

- Designed a Food Website and Product Landing Webpage as Per Requirements using HTML, CSS, Java Script and give animations to the webpages. Designed a simple calculator using HTML, CSS, Java Script.

- Collaborated with design and development teams to implement user-friendly web interfaces, enhancing overall user experience.

## CERTIFICATIONS

- Career Essentials in Software Development by Microsoft and LinkedIn
- Career Essentials in Generative AI  by Microsoft and LinkedIn
- Data Science- Machine Learning Course by HARVARD UNIVERSITY
- SQL by HackerRank
-  Python for problem solving - 1 by CodeChef
- Frontend HTML by Great Learning Academy
- Achieved 4 start i.e Silver Badge in Python at Hacker Rank.
- Introduction to Java Programming: Fundamental Data Structures and Algorithms by UC3Mx.

## EXTRA-CURRICULAR ACTIVITIES

- Actively participated in Coding Contests  in LeetCode,Codechef ,Hacker Rank etc.
- Actively working as a lead of Turing Hub(DSA) club in Collge.
- Secured 2nd rank in the Paper Presentation Competition  on Face Recognition in the Event of AMOGHA 2024.
- Attended a 5 days Work-shop in Web Development Conducted by CodeatRandom.
- Secured 2nd rank in Coding Contest in the Event of "ADVITIYA-2K24".

## ADDITIONAL DETAILS

- Father's Name: B.Lakshmi Narayana Reddy
- Mother's Name: B.Prabhavathi
- Nationality: Indian
- Languages Known: English, Telugu.
- Hobbies: Listening Music, Watching Movies, Reading Comic Books, Dancing, playing cricket.
- Interests:Data Science,Robotics.