

# BHOGATHI KALPANA

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## OBJECTIVE

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Currently pursuing B.Tech 3<sup>rd</sup> year majoring in Computer Science Engineering and Business Systems. 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

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**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

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**Technical Skills** C, Python, java, SQL, Data Structures and Algorithms, NumPy,Pandas,Matplotlib,Machine Learning and 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,Google Colab.

## PROJECTS

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**Image Classification:** Implemented Convolutional Neural Networks (CNN) for image classification projects. Preprocess the data by normalizing the images of 4 different flowers and splitting them into training and testing sets. Build a CNN model using python Language ,TensorFlow, Keras ,incorporating convolutional, pooling, dropout, and dense layers. It gives an accuracy of 88% better Performance than Neural Networks and also built a model of cats and dogs classification.

**Link:** [github.com/kalpanareddy-29/Cats-vs-Dogs-classification-using-CNN](https://github.com/kalpanareddy-29/Cats-vs-Dogs-classification-using-CNN)

**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 perfect.

**Link:** [github.com/kalpanareddy-29/House-Price-Prediction](https://github.com/kalpanareddy-29/House-Price-Prediction)

**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:**<https://github.com/kalpanareddy-29/Face-Recognition>

## CERTIFICATIONS

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- 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
  - Introduction to Java Programming: Fundamental Data Structures and Algorithms by UC3Mx.
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## EXPERIENCE (INTERNSHIPS)

### MACHINE LEARNING INTERN

MAY 2024 – JUNE 2024

SKILLDZIRE

Remote

- Achieved 80% accuracy in Face Recognition using Open CV, CNN Network, Deep Learning Technologies.
- Developed House prediction and Email Spam classification Model that did predict House prices and whether mail is Spam or not using various ML and DL Algorithms to get better performance of 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.

## EXTRA-CURRICULAR ACTIVITIES

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- Actively participated in Coding Contests regularly in LeetCode,Codechef ,Hacker Rank etc.
- Secured 2nd rank in the Paper Presentation Event by Face Recognition in the Event of AMOGHA 2024.
- Attended a 5 days Work-shop in Web Development Conducted by CodeatRandom.
- Active participated as Cricket Captain in RPL 2024.
- Secured 2<sup>nd</sup> rank in Coding Contest in the Event of “ADVITIYA-2K24”.

## ADDITIONAL DETAILS

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- 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.