

Karri Deepak Seshu Reddy

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Training

Data Structures and Algorithm - Self Paced

May 2024 - Aug 2024

- Completed Geeks for Geeks DSA Self-Paced Course covering essential Data Structures and Algorithms concepts.
- Solved 400+ coding problems and worked on coding assignments & quizzes for hands-on practice.
- Gained expertise in arrays, linked lists, stacks, queues, trees, graphs, dynamic programming, and more.
- Improved problem-solving skills for technical interviews and competitive programming.

Projects

Heart Disease Prediction |LPU

Oct 2024 - Nov 2024

- Models Implemented: Trained and tested Logistic Regression, Random Forest, SVM, Decision Tree, and KNN on a classification dataset.
- Performance Achievements: Evaluated model accuracy, with KNN (90%) and SVM (87%) performing the best.
- Data Visualization: Used bar charts, heatmaps, histograms, and pair plots to analyze model performance and feature relationship.
- **Tech** : Python, Scikit-learn, Matplotlib, Seaborn, Pandas for model training, evaluation, and visualization.

Image Classification using CNN|LPU

Sept 2024- Oct 2024

- Models Implemented: Developed a deep learning model using Convolutional Neural Networks (CNNs) for multi-class image classification.
- Performance Achievement: Achieved 89% test accuracy in classifying images across 8 categories.
- Data Visualization: Analyzed model performance using confusion matrices, accuracy/loss plots, and sample predictions to interpret results effectively.
- **Tech** : Processed 6,000+ training and 1,000+ testing images with data augmentation (rotation, zoom, shift), improving model generalization by 6%.

Personal Portfolio Website:

June 2024 – Aug 2024

- Developed a responsive personal portfolio website with HTML, CSS, and JavaScript, achieving full mobile compatibility and 100% responsiveness.
- Showcased 5+ personal projects and incorporated interactive animations, enhancing user engagement by 40%.
- Integrated a functional contact form, streamlining communication with site visitors.
- **Tech**: HTML, CSS, Javascript.

Certificates

Cloud Computing by NPTEL Swayam

July 2024 - Oct 2024

NPTEL — [Certificate Link](#)

Programming in C++: A Hands-on Introduction

February 2024

Coursera — [Certificate Link](#)

Generative AI with Large Language Models

March 2024

Coursera — [Certificate Link](#)

Dynamic Programming, Greedy Algorithms

May 2024

Coursera — [Certificate Link](#)

Technical Skills

Languages : C, C++,Python, Dsa, Java

Technologies/Frameworks : NLP, Image Processing, Neural Networks, Transformers,HTML and CSS, Java Script

Tools/Platform : Python libraries, Git, Github, Google collab, VS code

Skills: Problem-Solving,Teamwork & Collaboration,Adaptability,Time Management

Education

Lovely Professional University

2022 – Present

Computer Science and Engineering — CGPA: 7.62

Jalandhar, Punjab

Sri Chaitanya Junior College

2018 – 2019

Intermediate — Percentage: 97.50%

Vijayawada, Andhra Pradesh

Sri Chaitanya School

2016 – 2017

Matriculation — CGPA: 8.5

Penugonda, Andhra Pradesh