

Dileep Kumar Reddy

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Training

Data Structures and Algorithms

June 2024 - Jan 2025

- Gained proficiency in **Data Structures and Algorithms (DSA)** through a structured self-paced internship.
- Developed a **Tic-Tac-Toe** game, implementing key DSA concepts such as recursion, arrays, and backtracking.
- Enhanced **problem-solving skills and coding efficiency** by applying theoretical knowledge to practical Projects.

Projects

Named Entity Recognition, Language Modeling & Auto-Correct

June 2024-Aug 2024

- Built an **Auto-Correct System** to detect and fix spelling errors using **Language Models**.
- Developed a **Named Entity Recognition (NER)** model to extract key information (names, locations, etc.).
- Fine-tuned the **GPT-2** model for better text generation and context understanding.
- **Tools:** Python, SpaCy, TextBlob, GPT-2.

E-Commerce Website:

Aug 2022 - Dec 2022

- Built a **responsive e-commerce website** with product listings and a shopping cart.
- Designed a **user-friendly interface** for easy navigation and checkout.
- Added **form validation** to ensure secure user input.
- **Tools:** HTML, CSS, JavaScript.

Certificates

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|---|----------------------|
| • Completed training in DSA from Geeks for Geeks. | Sept 2024 - Jan 2025 |
| • Fulfilled the course Mastering DSA using C and C++ on Udemy | Oct 2023 - Nov 2023 |
| • 100 Days of Code: The Complete Python Pro Bootcamp | June2023- Aug2023 |

Achievements

- One among Dean's top 10 % students at university.
- Achieved 972 marks in Intermediate, recognized in the local newspaper for academic excellence.

Technical Skills

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|---------------------------|---|
| • Languages: | C, C++, Java, HTML, CSS, Python |
| • Tools/Platforms: | LeetCode, HackerRank, Kali Linux, GitHub |
| • Soft Skills: | Leadership, Time Management, Critical Thinking, Problem Solving |

Education

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| • Lovely Professional University
Bachelor of Computer Science and Engineering | Phagwara, Punjab
August 2022 - Present |
| • RRGR Junior College
Intermediate; Percentage: 97.2% | Galiveedu, Andhra Pradesh
April 2019 - May2021 |
| • Rayalaseema High School
Matriculation; Percentage: 97% | Galiveedu, Andhrapradesh
April 2009- March 2019 |

