

Alaparthi Lakshmi Niharika

✉ lakshminiharika8496@gmail.com 📞 9177998566

PROFESSIONAL SUMMARY

I am seeking an opportunity to apply my skills in Python, ML, DL and data analysis to contribute effectively to a dynamic work environment. With a strong foundation in problem-solving and a passion for learning, I am eager to support innovative projects. My goal is to grow professionally while delivering meaningful results.

EDUCATION

VVIT(B-Tech Computer Science and Engineering-AI&ML)	2021-2025
Courses: OOP's, Data Structures & Algorithms, OS, DBMS , AI , ML, NLP, DL	Grade:8.6 CGPA
NRI Junior College (Intermediate : MPC)	2019 - 2021
	Marks: 984/1000
Dr K.K.R's Gowtham E.M High School (Secondary Education)	2019
	Final grade:9.8 cgp

SKILLS

Languages: Python, SQL, HTML, CSS, JS(Basics)
Tools: Git/GitHub, Unix Shell, VS Code , Cloud Fundamentals
Strengths: Data Science(Analytics), ML, DL, NLP, Data Structures and Algorithms
Soft skills: Problem Solving, Team Collaboration, Adaptability, Project Management, Communication Skills

PROJECTS

- Narrative QA and Summarization** | *Streamlit,NLP,Deep learning frameworks,VS Code*
- Developing efficient algorithms for summarizing large volumes of text while retaining critical details.
 - Creating a robust QA module capable of understanding and addressing both factual and contextual queries.
 - Offering a user-friendly interface that makes the system accessible to readers, researchers, and educators.
- Image Classification** | *Python,TensorFlow/Keras, NumPy, Matplotlib,VS Code*
- Developed an image classification model using the CIFAR-10 dataset to categorize images into 10 distinct classes.
 - Built and trained a Convolutional Neural Network (CNN) to extract features and achieve accurate predictions.
 - Enhanced model performance with techniques like data normalization and evaluation on test datasets.
- Expense Tracker** | *HTML , CSS ,JS ,VS Code*
- Built a personal finance manager that allows users to track their expenses, categorize them, and generate reports
 - A simple expense tracker using HTML, CSS, and JavaScript.
 - I undertook the expense tracker project out of sheer curiosity and a desire for self-development

CERTIFICATIONS

NPTEL <i>Exam</i> Python for Data Science	March 2024 – 82%
Google Cloud <i>Google Associate Cloud Engineer</i>	May - 2024
HackerRank <i>SQL(Intermediate)</i>	September 2024

HOBBIES

Playing Badminton, Gardening, Cooking, Drawing, Painting