

ABHIRAM MANGIPUDI

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github.com/KOMPLEXWorksTogether

SUMMARY

computer science engineer, with experience in data science and machine learning. Extremely proficient in Python, and responsible for building a lot of projects in automation and data science. Actively looking for an internship. A GNU/Linux fanatic, with a lot of experience in shell scripting.

EDUCATION

Computer Science Engineering, Specialized in AI And ML
Institute Of Aeronautical Engineering

Graduating May 2026
8.58 GPA

Relevant coursework: Data Structures And Algorithms, Web Application Development, Foundations Of Machine Learning

TECHNICAL SKILLS

Programming Languages: Java, Python

Machine Learning And Data Science: Libraries like NumPy, Pandas, Matplotlib, Dask, Tensorflow

Automation: Email SMTP, Shell Scripting, Cron Jobs

Certifications: Data Science Using Python, For National Small Industries Corporation(NSIC), India, June 2023

ACADEMIC PROJECTS

Machine Learning Automation

May 2024 To July 2024

Worked single-handed to develop a website that can automate the development of classic ML(Supervised, Unsupervised) pipelines

- Developed A data preprocessing class, that can perform data preprocessing on any dataset (Missing Values, Duplicates) using dask, a distributed dataframe library. (Intel Unnati Training Program)
- Utilized EvalML to find the best ML pipeline in the lowest time possible.
- Built an interactive website using Streamlit, and deployed on Streamlit Cloud:
- <https://datawhisperer-k0mplex.streamlit.app/>

Telegram Bot

February 2023 To March 2023

Contributed to the work of 4 people

- Performed web scraping using tools like beautifulsoup4. (Python)
- Wrote a class that scrapes all the data to upload daily assignments, using Selenium.

COURSES AND CERTIFICATIONS

100 Days OF Python, Udemy:

Nov 2022 - Jan 2022

- Understood the fundamentals of python for data science, desktop UI and many more tools.

Data Structures And Algorithms Using C, GeeksForGeeks:

Feb 2022 – May 2022

- Learnt the fundamentals of data structures and algorithms, and their implementations in C.

Web Development, Apna College:

May 2022 – Present

- Learnt how to develop basic websites using HTML, CSS and JavaScript.
- Building backend architectures for websites using the MERN (MongoDB, Express JS, React JS, Node JS).

SMALL SCALE PROJECTS

100 Days Of Python

Nov 2022 - Jan 2022

A collection of 100 projects

- Object-Oriented Programming in Python, learnt using libraries like turtle and pygame, and successfully building the pong game.
- Data visualization, Automation, Games, Desktop GUI, and many other tiny projects, all built using Python.