

POOJITH REDDY ANNACHEDU

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Education

Illinois Institute Of Technology, Chicago, IL.

Aug 2023

- **Master's in Computer Science, Fall 2023**

Mahatma Gandhi Institute of Technology (MGIT), Hyderabad.

July 2018 – July 2022

- **Bachelor of Technology in Electronics and Communication Engineering, GPA 3.2**

Work Experience

ADP

Member Technical

July 2022 – July 2023

- Developed optimized Programs for generating complex HCM-related reports using Structured Query Reporting Language (SQR) and Java.
- Developed user controls to reduce the complexity of the user interface and provided a better look. Debugged and configured the major panel issues in the front end.
- Deployed 120-plus client applications from Enterprise Version EV5 to the latest version EV6.
- Performed Data analysis on ad-hoc requests on whether clients can be upgraded to the latest version or not.
- Core member in developing One-Next tool which automated and reduced the work complexity by 40 percent.
- Written SQL Scripts, for CRUD operations with key relations based on client requests before application deployments.

Indian Servers

May 2021 – July 2021

Machine Learning Intern

- Has been exposed to supervised and unsupervised machine learning algorithms and learned the basics of deep learning tools like Tensorflow, Keras, and computer vision.
- Developed two projects based on Machine Learning and computer vision.
- Assisted incoming interns in resolving doubts and improving their fundamentals in Python and Machine Learning related areas.

Technical Skills

Languages: Python, Java, C, SQR.

Software Development: Data Structures and Algorithms, Object Oriented Programming, Agile Methodologies.

Lib/Frameworks: Flask, ADPR, WFN.

Databases: PostgreSQL, MySQL, Oracle DB.

Others: Machine Learning, Database management systems, Computer Networks.

Python Modules: NumPy, Pandas, Matplotlib, OpenCV.

Tools: Git, VS Code, UltraEdit, Jupiter Notebook, PyCharm.

Projects

Emotion Detection Using Deep Learning

Sept 2021 – Dec 2021

- This project detects seven types of emotions in Python GUI using Deep learning and uses CNN for detection.

GitHub Repository Link – [Emotion Detection](#)

Used Cars Price Predictor using Machine Learning

May 2021 – July 2021

- This project predicts used car prices based on Quikr's dataset using Linear regression. It achieved an accuracy of 97%.

GitHub Repository Link – [Used Cars Price](#)

Awards and Achievements

- Head of the operator award for conducting Electrobuzz tech event.
- Solved 250+ coding problems on platforms like **Leetcode, Hacker Rank, Codechef, and Interviewbit.**
- Achieved Gold level badge in Hacker Rank in Python Programming with a five-star rating.
- Active sports team management coordinator member for college -2019, 20, 21.

Certifications

- Certified by the **University of Michigan** in completing [Getting Started with Python](#) (05/2021).
- [Data Science real world projects in Python](#) – **UDEMY** (07/2021).
- [SQL for Data Analytics](#) – **UDEMY** (12/2021).
- Certified by **Hacker Rank** in completing [Problem Solving](#).
- Certified by **Hacker Rank** on completing [Python Programming](#).