

POOJITH REDDY ANNACHEDU

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EDUCATION

Illinois Institute of Technology, Chicago, IL

Aug 2023 – May 2025

Master's in Computer Science (MCS)

GPA: 3.8

Relevant Courses: Mobile Application Development, Advance Database Organization, Computer Networks, Data Preparation & Analysis, Bigdata, Science of Programming.

Mahatma Gandhi Institute of Technology (MGIT), Hyderabad

July 2018 – July 2022

Bachelor of Technology in Electronics and Communication Engineering

GPA: 3.7

WORK EXPERIENCE

ADP

July 2022 – July 2023

Member Technical

Chicago, IL

- Developed optimized programs for generating complex HCM-related reports using SQR and Java. Implemented user controls to enhance the user interface, reducing complexity and addressing major panel issues in the front end. Applied pragmatic solutions to optimize the UX.
- Deployed 120+ client applications from Enterprise Version EV5 to EV6, emphasizing high availability and low latency. Performed data analysis on ad-hoc requests to determine if clients could be upgraded to the latest version.
- Played a core role in developing the One-Next tool, focusing on automation and reducing work complexity by 40%. Collaborated with cross-functional teams, including product and design, to ensure effective implementation.
- Wrote SQL scripts for CRUD operations with key relations based on client requests before application deployments. Performed automation testing for functionality on upgraded applications.

Indian Servers & Tutor

May 2021 – July 2021

Machine Learning Intern

Hyderabad, India

- Gained exposure to supervised and unsupervised machine learning algorithms and learned statistics, deep learning tools like TensorFlow, Keras, and computer vision.
- Assisted incoming interns in resolving doubts and improving their fundamentals in Python and machine learning-related areas and contributed to the company's machine learning projects.

Technical Skills

Languages: Python, Java, R, C, SQR, Dart

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

Libraries/Frameworks: Flask, Flutter, ADPR, WFN

Technologies & Databases: Advanced Database Design & Organization, Data Analysis, RESTAPI, PostgreSQL, MySQL, Oracle DB, MongoDB

Big Data: Hadoop, Spark, Hive, Pig, Kafka

Others: Machine Learning, App Development, MVC, HTML, CSS, AWS, Unit and Integration Testing, Computer Networks

Tools: Git, VS Code, UltraEdit, Jupyter Notebook, PyCharm, MS Excel

PROJECTS

The Movie Database App

Nov 2023

- A Flutter-based mobile application allowing users to explore and track movies. Features include viewing movies by different categories, adding movies to favorites, and accessing detailed information about each movie.

GitHub Repository: The Movie Database App

Emotion Detection Using Deep Learning

Sept 2021 – Dec 2021

- This project detects seven types of emotions in a Python GUI using deep learning and CNN.

GitHub Repository: Emotion Detection Using Deep Learning

Used Cars Price Predictor using ML

May 2021 – July 2021

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

GitHub Repository: Used Cars Price Predictor using ML

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.
- Certified by Hacker Rank in completing Problem Solving and Python Programming