POOJITH REDDY ANNACHEDU

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Education

Illinois Institute of Technology, Chicago, IL **Aug 2023 – May 2025**
Master's in Computer Science (MCS)
Relevant Courses: Mobile Application Development, Advance Database Organization, Computer Networks I, 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 3.2

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.
- 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-plus client applications from Enterprise Version EV5 to the latest version EV6 emphasizing high availability and low latency.
- Performed Data analysis on ad-hoc requests on whether clients can 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 percent. 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 **May 2021 – July 2021**
Machine Learning Intern
- Has been exposed 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 companies' Machine Learning projects.

Skills

Languages: Python, Java, R, C, SQR, Dart, JavaScript.
Software Development: Data Structures and Algorithms, Object Oriented Programming, API Integration, Agile Methodologies.
Lib/Frameworks: Flask, Flutter, ADPR, WFN.
Technologies & Databases: Data Management, 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, Jupiter Notebook, PyCharm, MS Excel.
Soft skills: Problem-solving, Time Management, Adaptability, Teamwork, Learning Agility, Collaborative, Goal Driven.

Projects

The Movie Database App **Nov 2023**
- The Movie Database App is a Flutter-based mobile application that allows users to explore and track movies. The app provides features such as 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 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.
- Certified by **Hacker Rank** in completing Problem Solving and Python Programming.