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: 3.16*

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.
- Engineered and optimized SQL scripts for CRUD operations, enhancing database performance by 40 percent and ensuring smooth application deployments based on specific client requirements.

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, JavaScript, R, C, Dart, SQR
Software Development: Data Structures and Algorithms, Object-Oriented Programming, API Integration, Agile Methodologies
Libraries/Frameworks: Flask, Flutter, Springboot ADPR, WFN
Web Technologies: HTML, CSS, ReactJS, REST API, GraphQL
Databases: Advanced Database Design & Organization, Data Analysis, SQL, MongoDB
Cloud Computing: AWS (EC2, EKS, EBS, S3, DynamoDB), Cloud-native application development
DevOps: CI/CD pipelines, Jenkins, Micro-services, Docker, Kubernetes, Git
Others: Machine Learning, Mobile App Development, MVC, Unit and Integration Testing

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