

M. A. GHAFAR

+91 7036995722 | ghaffar.ma2003@gmail.com | Hyderabad, India | [LinkedIn](#)



SUMMARY

Passionate and results-driven software developer with a strong foundation in programming, problem-solving, and adaptability to emerging technologies. A quick learner with an analytical mindset, eager to contribute to innovative solutions. Adept at working in fast-paced, agile environments and collaborating within cross-functional teams to deliver high-quality software solutions. Seeking an opportunity to leverage my skills and continue growing in a dynamic, technology-driven workplace.

EDUCATION

GITAM University, Hyderabad

Bachelor of Technology in Computer Science & Engineering (Data Science)

August 2020 - July 2024

G.P.A: 8.5 /10

Narayana Junior College, Hyderabad

XII , Telangana Board of Intermediate Education

June 2018 - March 2020

G.P.A: 8.7 /10

Narayana Concept School, Hyderabad

X , Telangana Board of Secondary Education

March 2018

G.P.A: 8.8/10

TECHNICAL SKILLS

- **Programming Languages:** C++, Python, C#, MySQL, HTML, JavaScript, CSS, Java, R
- **Frameworks:** .NET
- **Database:** MySQL
- **Data Visualization Tool:** R Studio, Tableau
- **Data Structures and Algorithms (DSA):** Proficient in various data structures and algorithms for problem-solving.

EXPERIENCE

Software Engineer Trainee , SmartMieten Tech Pvt Ltd, Hyderabad, India

April 2023 – June 2023

- Developed a predictive model to assess the likelihood of accelerated approval for driver insurance claims, optimizing risk assessment and policy pricing based on historical data

PROJECTS

Human Speech Emotion Recognition using MFCC [Python, LSTM, Keras, Tensorflow, Tkinter].

- Built a deep learning model using TensorFlow and Keras, achieving 88% accuracy on the TESS dataset, with feature extraction via Librosa.
- Developed a Tkinter-based interface to visualize audio-emotion analysis, boosting user engagement by 40%.

SNAPVISION: Real-Time Object Detection using Tensorflow [Computer Vision, Machine Learning].

- Developed a real-time object detection system using the TensorFlow Object Detection API, integrating a live webcam feed for accurate object classification.

Mail Notifier with Fingerprint Sensor [C++, Blynk Cloud, Arduino Board]

- Designed a mailbox security system with fingerprint-based access control and real-time email notifications using Arduino and Blynk.

Tank Shooter [C++ , Game Development, Unreal Engine]

- Created a tank shooter game in Unreal Engine with C++, featuring realistic physics, AI opponents, and optimized gameplay performance.

CERTIFICATIONS

- Unreal Engine 5 C++ Developer, Udemy
- Introduction to EDA in R, Coursera Project Work
- Getting Started with R, Coursera Project Work
- Introduction and Programming with IOT Boards, Pohang University of Science and Technology
- Probability Theory, Statistics and Exploratory Data Analysis, HSE University
- Introduction to Artificial Intelligence(AI), IBM Skills Network
- Data Structures, University of California San Diego
- Effective Problem-solving and decision-making, University of California Irvine