

Gaddam Abitha Reddy

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PROFILE SUMMARY

Motivated and enthusiastic Computer Science Engineer with a skilful in Python, SQL, Javascript, Html and CSS. Successfully completed projects in Helmet Detection and Number plate Recognition technology, showcasing problem-solving and analytical skills. Certified in Python programming, SQL and committed to leverage skills in dynamic environments.

PROJECTS

Helmet Detection and Number Plate Recognition:

Developed a system using image processing to detect helmet violations and recognize vehicle number plates that focuses on addressing traffic safety issues by automating detection of violations.

Tools: Python, Open CV, ML Models, YOLO

Airline Fare Prediction using Machine Learning:

Predict a model that analyses various factors like flight duration, seasonality, and demand to forecast airline ticket prices. This project goal is to accurately forecast flight ticket prices based on various factors. This helps travellers, airlines, and travel agencies in making informed decisions.

Tools: Python, TensorFlow, Pandas, NumPy.

ATM Console Application – Python:

Technologies Used: Python, File Handling, Loops, Conditional Statements, Error Handling.

Developed a console-based ATM system with authentication, balance inquiry, deposits, withdrawals, and transaction history. Implemented secure PIN generation, preventing unauthorized access.

SKILLS

Technical Skills:

- **Front-end:** HTML, CSS, Javascript
- **Back-end:** Python
- **Database:** SQL

Soft skills:

Communication, Time Management, Problem Solving

EDUCATION

B.Tech in Computer Science & Engineering (CSE)

2020 - 2024

AVN Institute of Engineering and Technology

Intermediate (MPC)

2018 - 2020

Sri Chaitanya Junior College

Board of Secondary Education

2018

Brooklyn Grammar High School

CERTIFICATIONS

- **Codegnan IT Solutions | Python Full Stack Trainee** Hyderabad | February 2025 - present
- Trained and certified in C, Java from Tech Sign Solutions.
- Certified by Tech Buzz IT Solutions on Completion of Python Course.