

# Revanth Raj Rachumallu

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## OBJECTIVE

Enthusiastic and hardworking student committed to ongoing learning and staying updated on the latest technologies. Keen to be a part of an innovative team and thrive in a challenging work setting.

## EDUCATION

- B.Tech - Kalasalingam Academy Of Research and Education.** 2020 - 2024
  - Computer Science and Engineering, CGPA-9.12/10
- Intermediate - Narayana Junior College.** 2018 - 2020
  - MPC, CGPA - 9.71/10
- Secondary Education(SSC) - Sri Chaitanya Techno School.** 2017 - 2018
  - GPA - 10/10

## SKILLS

- Python Programming.
- Structured Query Language (SQL).
- Object-Oriented Programming (OOPs).
- Artificial Intelligence (AI) and Machine Learning (ML).
- Java Programming
- Problem Solving

## WORK EXPERIENCE

- Research And Development Intern.** Sep 2022 - Jul 2023
  - Multicoreware (MCW).
    - Skills:** Sensor Fusion, Python Programming, Computer Vision, Artificial intelligence and Machine Learning.
    - Impact:** Developed innovative solutions for autonomous vehicles through sensor fusion, resulting in improved performance and efficiency.

## PROJECTS

- Harvest-Helper:** A farmer-friendly website created to help them with crop, fertilizer recommendation, and crop disease identification. **Technologies used:** Python, HTML, CSS, Weather API, Machine Learning and Deep Learning(DL).
- Text extraction from multimedia:** Built a GUI-based application using natural language processing to extract text from images, audio, and videos and generate QR codes. **Technologies used:** Python, Tkinter, pytesseract, Wave, Moviepy, Speech recognition, Pyttsx3, Pyqrcode, PIL.
- Uber Fare prediction::** Developed a prediction-based model to predict the Uber cab fares for different vehicles based on distances. **Technologies used:** Java Swing, Machine Learning

## PUBLICATIONS

- Research Paper 1 :** An Automated Cost Prediction in Uber/Call Taxi Using Machine Learning Algorithm. Technologies used: Java, Machine Learning (Jul '22).
- Research Paper 2 :** CNN-Driven Approach for Crop, Fertilizer Recommendation and Leaf Disease Solution Technologies used: Python, Machine Learning, Deep Learning (Jan '24).

## HONORS AND AWARDS

- Runner at intercollegiate Technical paper presentation at KARE.
- Achieved 5-star badge in Python and SQL from Hacker Rank.
- Achieved IT Fundamentals, RDBMS, Programming fundamentals (Python) and Data Engineering badges from PWC.

## CERTIFICATIONS

- Python - Python(Basic) (Hacker Rank) , Python Programming (Code Tantra).
- Oracle Cloud Infrastructure AI Certified Foundations Associate.
- SQL and Relational Databases 101 (IBM).
- AIML Fundamentals (YBI Foundation).