



Raed Bin Umair

MERN Stack developer| Student at Riphah International University
Lahore District, Punjab, Pakistan

Summary

I have been polishing my skills in web/app dev. I have also worked on AI machine learning etc.
i have also done mern stack development and other languages that include c++ , java and python.

Experience

Upwork

Web Developer

November 2023 - Present (4 months)

Riphah International University Lahore

Student

October 2020 - Present (3 years 9 months)

Wtechsols

Web Developer

July 2023 - December 2023 (6 months)

Lahore, Punjab, Pakistan

Education

Crescent Model Higher Secondary School

ICS · (2018 - 2020)

Riphah International University

Bachelor's degree, Computer Science · (October 2020) -Present(3 years 9 months)

Projects:

Final year project

Garbage Community App(Garbowatch)

Contact

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Skills

Artificial Intelligence (AI)

Node JS

MongoDB

React Native

Android Development

Blockchain

React JS

C++

Python

MYSQL

Java

Flask

Firebase

HTML5

CSS

JavaScript

AWS

Certifications

Python classes and inheritance

Data structures

Machine learning

OOP

Introduction to Programming Python

Python Data science and AI

Brief Description:

Our project is based on a problem which is faced in our daily life there is garbage everywhere in the streets and in the communities as well, so we proposed a solution that when a user takes a picture of the garbage its current location will be pinned and user will also be able to classify the garbage using AI model and the report will only be submitted if user current location is pinned.

Technologies used:

- React native
- MongoDB
- Reactjs
- Expressjs
- Nodejs
- Python
- Flask

Key Accomplishments:

- Able to implement a friendly community app where users can submit a report by taking a photo of garbage from their device
- When user will submit report its current location will be shown that where he submitted the report
- Able to implement an AI model to classify the garbage into paper plastic metal and cardboard based on probabilities and predictions
- Able to integrate the AI model into the mobile application for the classification of the garbage
- Also implemented the community chat where users can ask questions related to garbage etc.
- Learned about the AI models and also mern stack development
- User cannot submit a report without its current location otherwise report will not be submitted