



# Streetlights IoT



Road to Smart Cities

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**PROBLEM**



**SOLUTION  
PROPOSED**



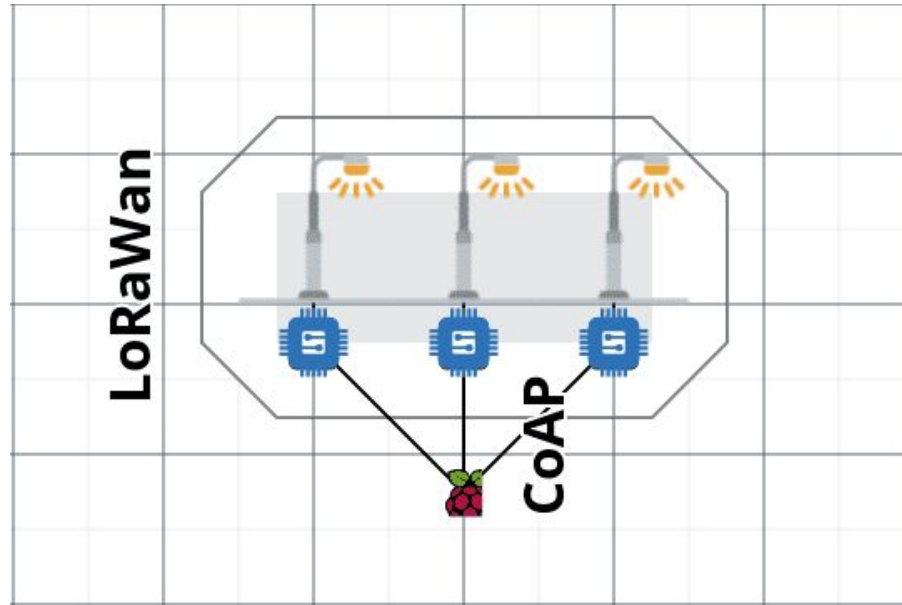
# MOTION DETECTION



**ARCHITECTURE**

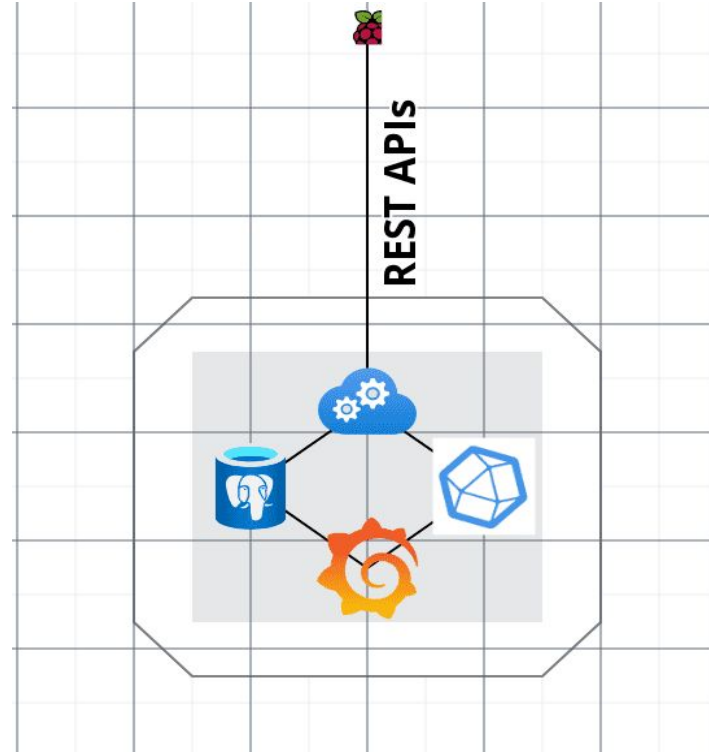


## EDGE - CLUSTER

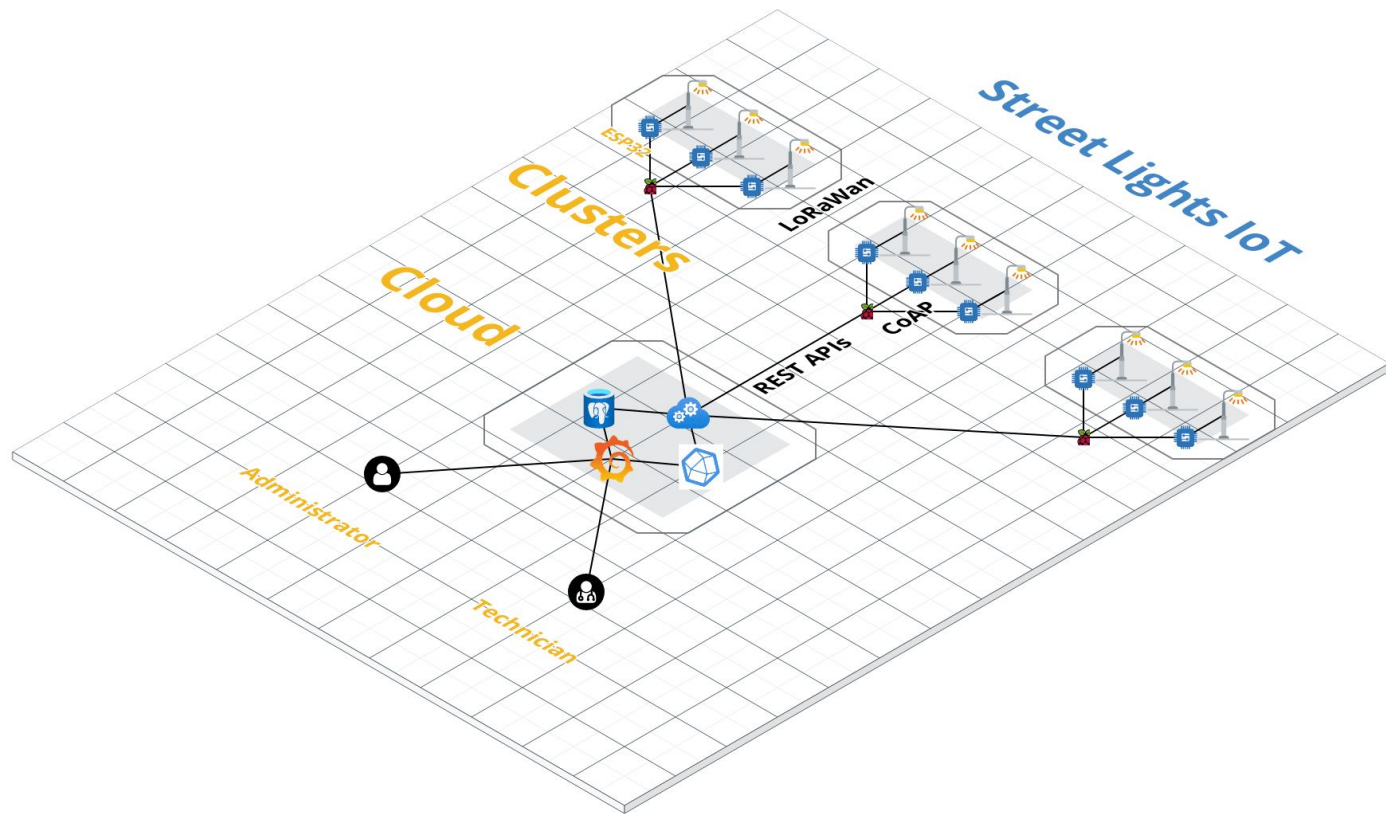




# CLOUD



  
**GLOBAL**

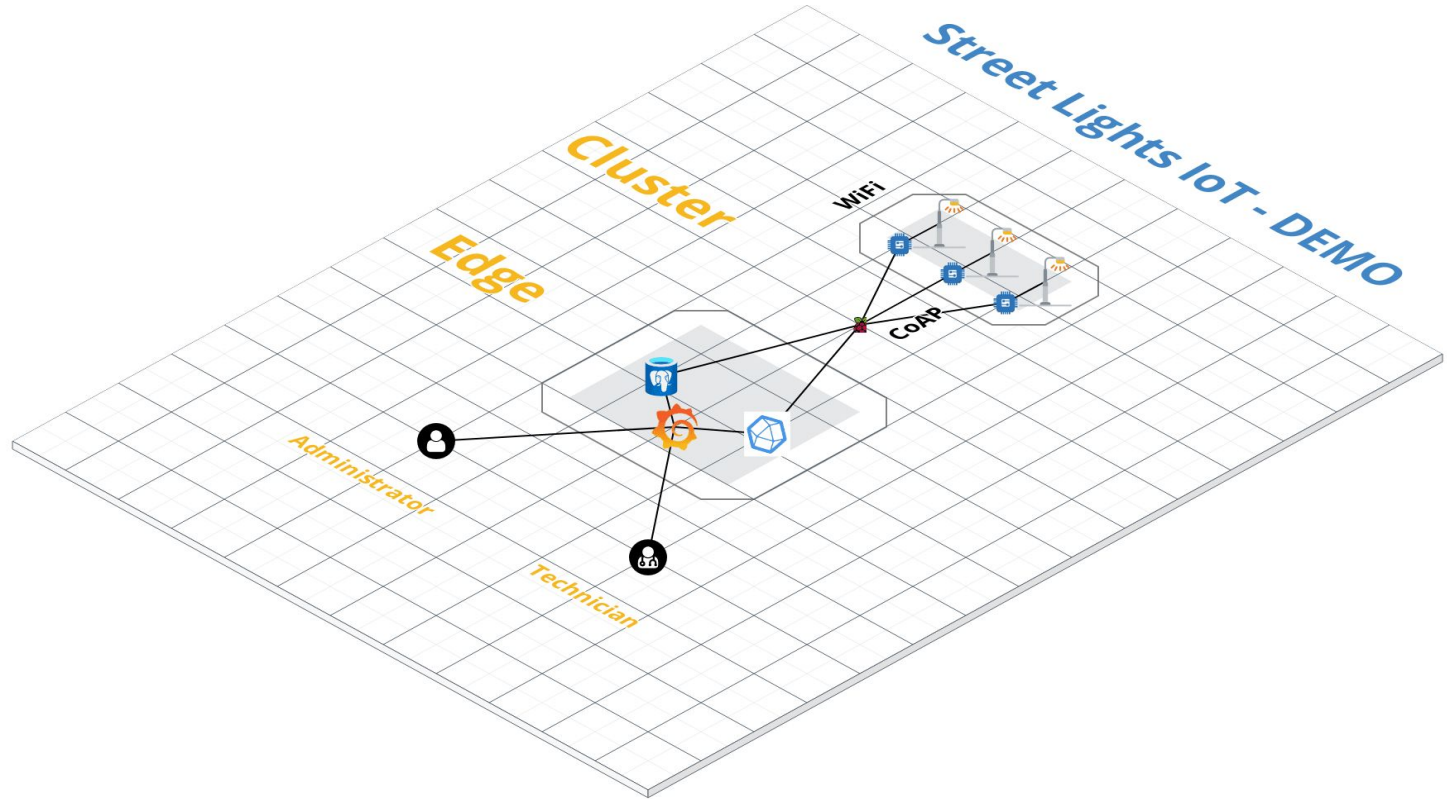




A person wearing a dark hoodie is holding a tablet. The tablet screen displays a vibrant city skyline at night, with numerous skyscrapers illuminated in various colors like yellow, orange, and blue. Overlaid on the city is a wireframe model of the Earth, showing a network of white lines connecting points on the globe. The background behind the person is a dark, starry night sky with a faint Milky Way visible. The word "DEMO" is written in large, white, sans-serif capital letters across the center of the image, partially overlapping the globe and the city.

DEMO

# DEMO





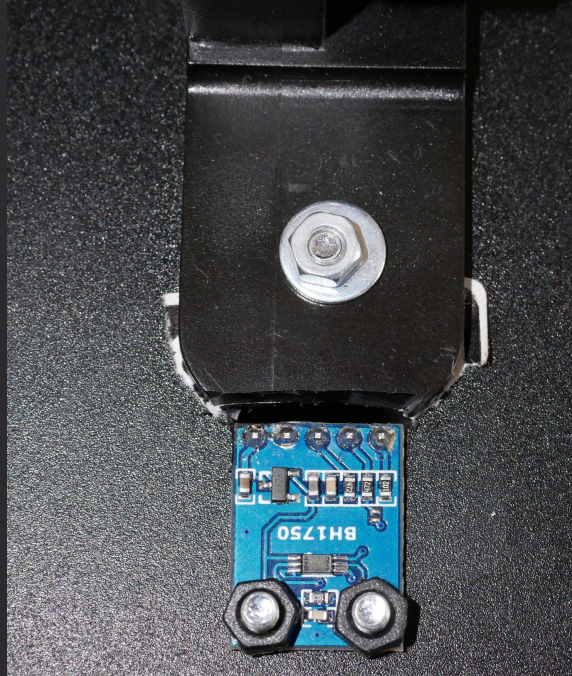


ARDUINO  
MKR 1010  
WIFI

SENSORS



# SENSORS





LESSON  
LEARNED





# FUTURE WORKS

A close-up photograph of a black, ornate street lamp with a glowing yellow light. The lamp is positioned on the left side of the frame. In the background, the blurred, golden-brown lines of a building's roofline are visible against a dark night sky. The word "THANKS" is written in white, bold, sans-serif capital letters in the bottom right corner.

**THANKS**