Projects Portfolio
Akshai M

IoT Use Cases Developed By ICFOSS
Vehicle Detection Sensor, Air Quality Sensor, Soil Moisture Sensor, Meteorological
Station, Water Quality Sensor

ICFOSS

Senior Research Fellow at ICFOSS till 2020. Led the following projects.

Projects

- Smart Parking Sensor - Geomagnetic
- Soil Humidity Sensor - Capacitive
- Water Quality Sensor - pH, conductivity, turbidity and Dissolved Oxygen.
- LoRa In a Box
- Air Quality Sensor - PM (0.3 - 10 μm), CO2
- Meteorological Station - Rain, Humidity , Temperature, Pressure.
- Water Meter
- Energy Meter
- Water Level Sensor - Ultrasonic

Freie Universität Berlin

Member and Maintainer at RIOT-OS <https://www.riot-os.org/ >. RIOT OS powers ~6% of the entire IoT Hardware in the world.

Contribution can be viewed here < https://github.com/akshaim >

Elvicto Technologies Pvt Ltd

Startup founded in 2018 for enabling smarter parking solutions.

- Parking Solution Provider for GreenCity Project Kolkata
- LoRaWAN® Based Sensors for Fast to Deploy Parking Solutions with traffic management.

More Details : http://elvicto.in/

Statlogic India Pvt Ltd

Agritech Startup initially based out of Bangalore, now incubated at Swatantra.

- Smart Cattle systems for Cattle health and location monitoring using LoRaWAN®
- Real time Weather Monitoring Systems for real time using LoRaWAN®
- Products currently being tested in Perumbavoor.

More Details : https://statlogic.io/

Troncart Solutions Pvt Ltd

Startup founded in 2018 for IoT Product development for Smart Cities, recently incubated at Swatantra.

- Smart Water Meters.
- Smart Irrigation Systems.
- Energy Harvesting Devices.

More Details : https://troncartsolutions.com/