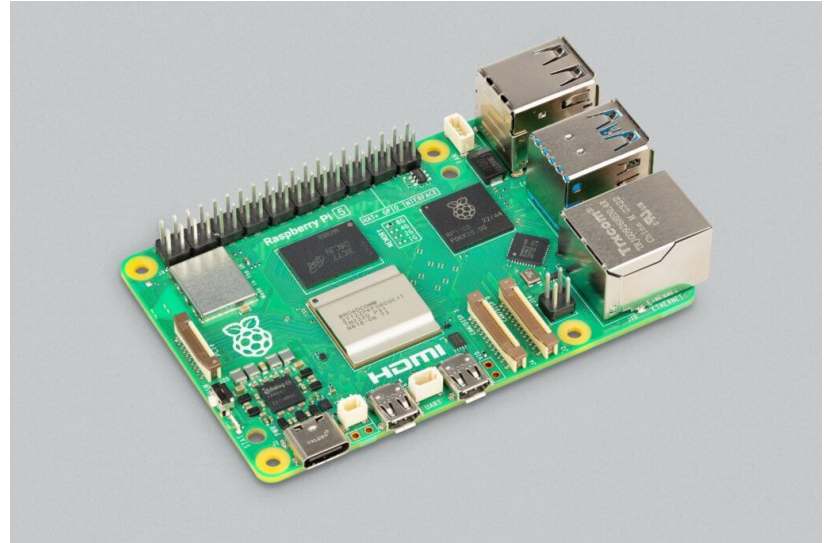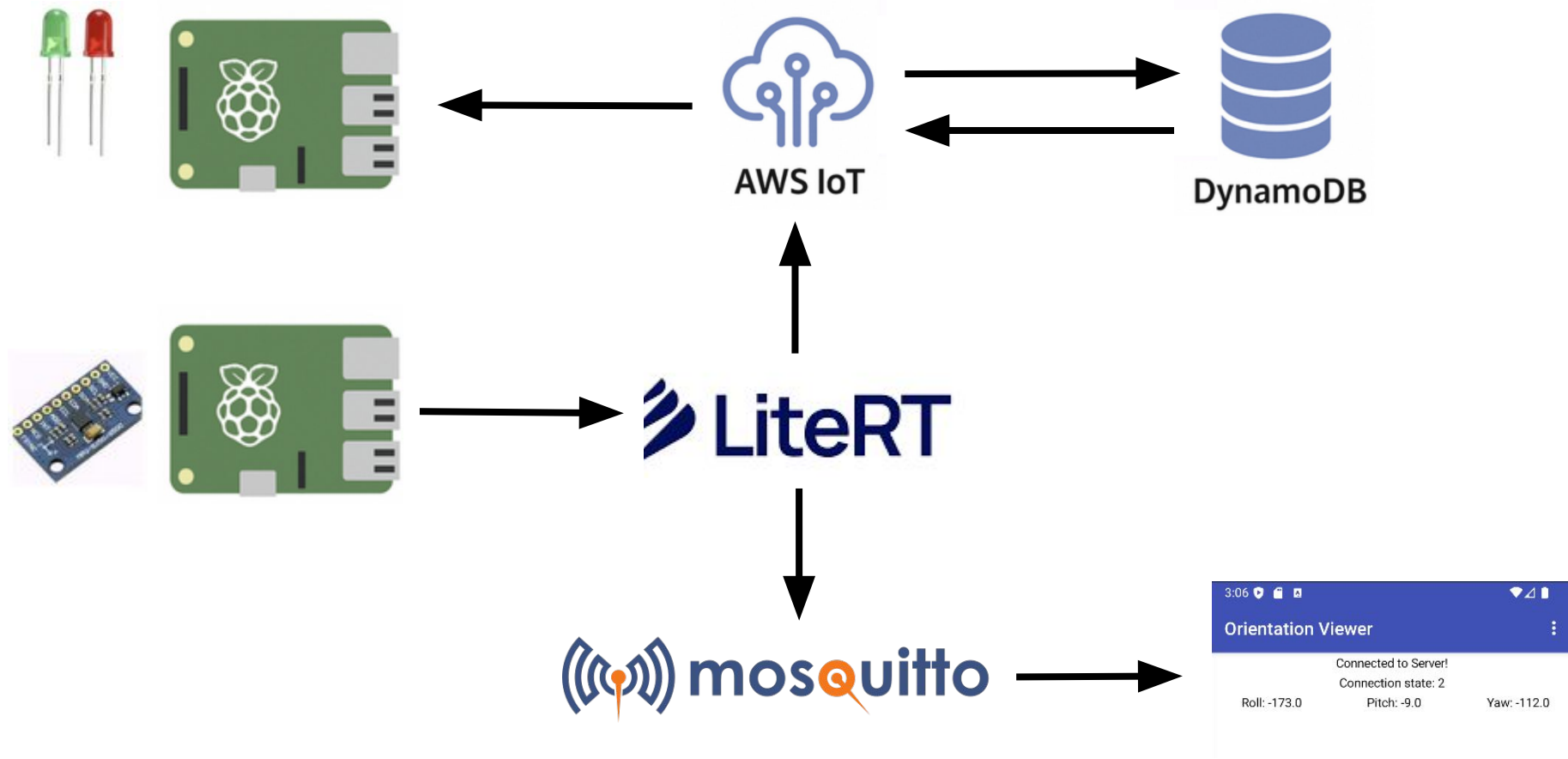# CE 4201 IoT

Four IoT Application Projects Powered by Raspberry Pi 5

Ian Victor Souza Xavier dos Anjos
Yongming Mai
Nimrod Brautbar

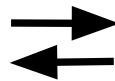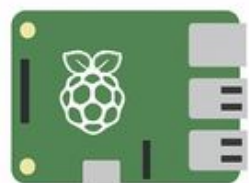# Projects

- Send IMU data to AWS
- Facial Recognition
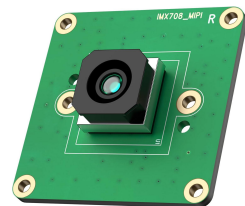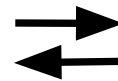- Send IMU data to app and use AI
- Agentic AI

AWS IoT
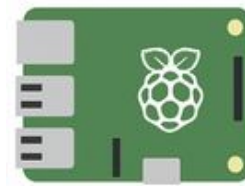
DynamoDB

LiteRT

mosquitto

3:06

Orientation Viewer

Connected to Server!
Connection state: 2

Roll: -173.0   Pitch: -9.0   Yaw: -112.0

Master device

Slave device

AWS IoT

Grant Access