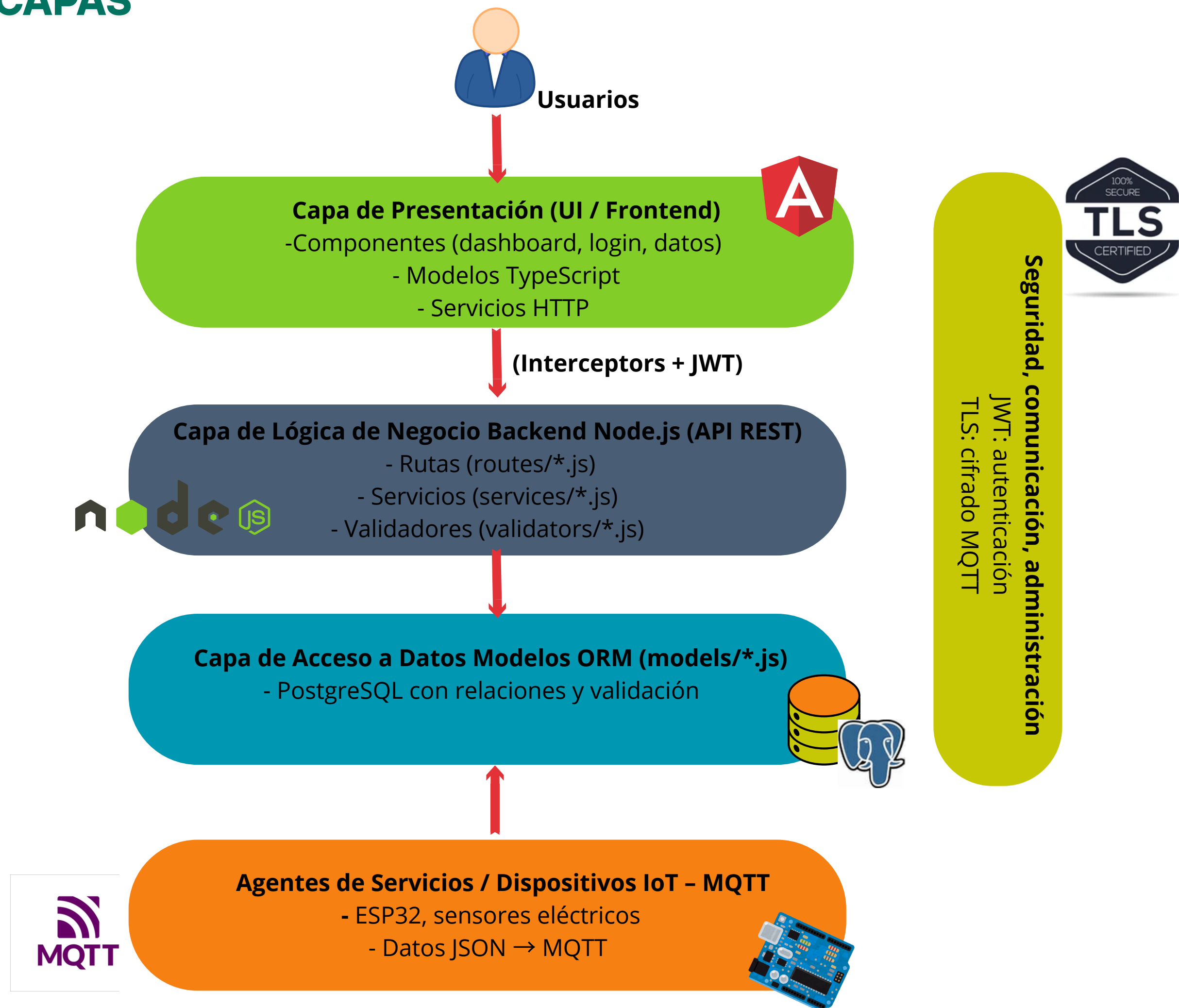


ARQUITECTURA POR CAPAS



Frontend Angular (UI)

- Componentes (dashboard, login, ndatia)
- Models (TypeScript)
- HTTP Services



Usuario

Interceptors + JWT

Backend Node.js



(API REST)

- Routes/routes+.js
- Services/services'.js
- Validators/validators/

Modelos ORM



PostgreSQL coreciaciones e validación

Dispositivos IoT - MQTT



ESP32, sensores electricos de JSON → MQTT