

Penelope Rio

IoT Software Engineer

Austin, TX | (555) 789-6543 | p.rio@email.com | GitHub | Portfolio

IoT software engineer specializing in embedded systems

Experienced IoT developer with six years of expertise in embedded systems, wireless connectivity, and cloud IoT solutions.

Professional Experience

IoT Software Engineer

SmartTech Solutions | Austin, TX | May 2020 - Present

- Developed low-power firmware, reducing device power consumption by 30%
- Implement secure OTA firmware updates, improving security compliance

Education

Bachelor of Science in Electrical Engineering

University of Texas at Austin | May 2018

Key Skills

- C, C++, Python, Embedded Linux
- IoT protocols (MQTT, CoAP)
- Microcontrollers (ARM, ESP32, Raspberry Pi)
- IoT security, low-power optimizations