Michael Brown

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PROFESSIONAL SUMMARY

IoT Solutions Architect with 6 years of experience designing and implementing connected device ecosystems. Expert in edge computing, sensor networks, and industrial IoT applications with focus on scalability and security.

TECHNICAL SKILLS

IoT Platforms: AWS IoT Core, Azure IoT Hub, Google Cloud IoT
Protocols: MQTT, CoAP, LoRaWAN, Zigbee, Bluetooth, WiFi
Programming: C/C++, Python, JavaScript, Embedded C
Hardware: Arduino, Raspberry Pi, ESP32, ARM Cortex
Edge Computing: AWS Greengrass, Azure IoT Edge, NVIDIA Jetson

PROFESSIONAL EXPERIENCE

Senior IoT Solutions Architect | SmartTech Industries | 2021 - Present
Miami, FL
• Designed IoT platform managing 100K+ connected devices across 50 locations
• Implemented predictive maintenance system reducing downtime by 40%
• Led digital transformation for manufacturing clients saving $2M+ annually

IoT Engineer | ConnectedSystems Corp | 2019 - 2021
Tampa, FL
• Developed smart city solutions for traffic management and environmental monitoring
• Built secure device provisioning and management system

EDUCATION

Master of Science in Electrical Engineering | University of Florida | 2019

CERTIFICATIONS

• AWS Certified IoT - Specialty
• Microsoft Azure IoT Developer
• Certified IoT Professional (CIoTP)