MA

Michael ANDERSON

CONTACT

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- San Francisco, CA

SKILLS

- Embedded systems
- Medical devices
- Wireless communication
- Regulatory compliance
- User testing
- Team collaboration

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN BIOMEDICAL ENGINEERING FROM HEALTH UNIVERSITY, 2014

ACHIEVEMENTS

- Developed a wearable device that won the 'Best Innovation in Healthcare' award at the Medical Technology Expo.
- Improved patient monitoring accuracy by 35% through advanced sensor integration.
- Contributed to a project that reduced hospital readmission rates by 20% through proactive monitoring.

IOT PRODUCT ENGINEER

I am a passionate IoT Electronics Engineer with over 7 years of experience focused on the healthcare industry. My expertise lies in designing and implementing connected medical devices that improve patient monitoring and care delivery. I have a solid background in embedded systems and wireless communication technologies, which enables me to develop innovative solutions tailored to the unique needs of healthcare providers.

WORK EXPERIENCE

IOT PRODUCT ENGINEER

MediTech Innovations

2020 - 2025

- Designed IoT-enabled wearable devices for continuous health monitoring, improving patient engagement.
- Worked closely with healthcare professionals to gather requirements and refine product features.
- Utilized BLE and Wi-Fi technologies for seamless data transmission to cloud applications.
- Conducted usability testing with end-users, resulting in a 40% increase in device satisfaction.
- Managed product lifecycle from concept to launch, ensuring alignment with regulatory standards.
- Developed training programs for healthcare staff on new technology integration.

EMBEDDED SYSTEMS ENGINEER

HealthTech Solutions

2015 - 2020

- Focused on developing embedded systems for medical imaging devices.
- Collaborated with software engineers to enhance data processing algorithms.
- Participated in clinical trials to validate device performance and patient safety.
- Documented design specifications and testing protocols for compliance with medical regulations.
- Assisted in troubleshooting issues during product development phases.
- Presented findings to senior management to inform product direction and strategy.