MA

MICHAEL ANDERSON

DIGITAL HEALTH ENGINEER

CONTACT

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SKILLS

- Wearable Technology
- Patient Monitoring
- Data Analysis
- Clinical Workflows
- Regulatory Compliance
- User Experience Design

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN BIOMEDICAL ENGINEERING, UNIVERSITY OF MICHIGAN

ACHIEVEMENTS

- Led a project that received the 'Best Innovation Award' at the National Health Tech Conference.
- Increased patient engagement scores by 60% through the implementation of wearables.
- Published findings on wearable technology in a leading health technology journal.

PROFILE

Accomplished Digital Health Engineer specializing in the integration of wearable technology into clinical workflows. Expertise in developing solutions that enhance patient monitoring and data collection while ensuring compliance with healthcare regulations. Proven ability to collaborate effectively with clinical teams to identify needs and translate them into actionable technology solutions. Recognized for pioneering projects that leverage artificial intelligence to improve diagnostic accuracy.

EXPERIENCE

DIGITAL HEALTH ENGINEER

Wearable Health Technologies

2016 - Present

- Developed a smart wearable device that improved remote patient monitoring by 50%.
- Collaborated with healthcare providers to integrate wearables into existing care protocols.
- Conducted user testing and feedback sessions, driving iterative design improvements.
- Analyzed data to identify patient trends, informing clinical decision-making.
- Ensured compliance with FDA regulations for medical devices.
- Participated in grant applications for funding innovative health technology projects.

CLINICAL TECHNOLOGY ANALYST

Metro Health System

2014 - 2016

- Assisted in the deployment of a new electronic health record system across multiple facilities.
- Trained medical staff on the use of digital tools to enhance patient care.
- Conducted data analysis to support clinical research initiatives.
- Collaborated with IT to ensure seamless integration of clinical applications.
- Developed training manuals that improved user competency by 25%.
- Supported the implementation of telehealth services during the COVID-19 pandemic.