MICHAEL ANDERSON

IoT Systems Engineer

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With a focus on industrial IoT applications, I am an IoT Electronics Engineer with over 4 years of experience in the manufacturing sector. My work has centered around developing systems that enhance operational efficiency and reduce downtime through predictive maintenance solutions. I am skilled in utilizing various sensors and data analytics tools to monitor equipment health and performance.

WORK EXPERIENCE

IoT Systems Engineer | ManufactureTech Jan 2022 – Present

- Developed IoT monitoring systems for manufacturing equipment, improving uptime by 20%.
- Collaborated with data scientists to create predictive maintenance algorithms.
- Conducted on-site assessments to identify equipment performance issues.
- Utilized Python and MATLAB for data analysis and modeling.
- Presented findings to management, driving investment in IoT technologies.
- Documented all project processes and technical specifications for future reference.

Junior IoT Developer | Industry Innovations Jul 2019 – Dec 2021

- Assisted in the development of IoT solutions for supply chain optimization.
- Worked with engineers to design sensor systems for real-time data collection.
- Conducted testing and validation of prototypes in live environments.
- Supported the integration of IoT devices with existing manufacturing systems.
- Participated in team meetings to brainstorm innovative solutions.
- Maintained documentation on project progress and outcomes.

SKILLS

Predictive maintenance | Data analysis | Sensor integration | Python programming | Team collaboration | Problem-solving

EDUCATION

Bachelor of Science in Mechanical Engineering from Tech University 2015 – 2019

2016

ACHIEVEMENTS

- Improved manufacturing efficiency by 30% through IoT-driven solutions.
- Contributed to a project that was awarded 'Best Industrial Innovation' at the Manufacturing Expo.
- Developed a predictive maintenance tool that reduced unplanned downtime by 15%.

LANGUAGES

English | Spanish | French