

# MICHAEL ANDERSON

Software Modernization Engineer

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Strategic Software Modernization Engineer with over 4 years of experience in the energy sector, specializing in modernizing energy management systems. Expertise in analyzing legacy applications and implementing solutions that improve efficiency and compliance with industry regulations. Proven ability to collaborate with engineers and stakeholders to design and deploy software that meets operational goals.

## WORK EXPERIENCE

### Software Modernization Engineer | Energy Solutions Corp.

Jan 2022 – Present

- Designed and implemented modernization strategies for legacy energy management systems, resulting in a 25% increase in operational efficiency.
- Collaborated with engineering teams to gather requirements and develop solutions that align with business goals.
- Utilized cloud technologies to enhance data storage and processing.
- Participated in Agile ceremonies to improve team dynamics and project outcomes.
- Conducted system testing and validation to ensure compliance with energy regulations.
- Documented modernization processes and provided training to end-users.

### Software Developer | Renewable Energy Innovations

Jul 2019 – Dec 2021

- Assisted in the development of software solutions for solar energy management.
- Engaged in unit testing and debugging to ensure software reliability.
- Collaborated with cross-functional teams to define project requirements and deliverables.
- Contributed to the integration of data analytics tools for performance monitoring.
- Participated in the deployment of new software features based on user feedback.
- Supported the training of staff on new technologies and systems.

## SKILLS

Energy management systems

Cloud technologies

Data analytics

Agile methodologies

Java

Python

## EDUCATION

### Bachelor of Science in Environmental Engineering

2015 – 2019

Green University

## ACHIEVEMENTS

- Successfully improved energy efficiency ratings for multiple systems through modernization efforts.
- Awarded 'Rising Star' for outstanding contributions to software development projects.
- Published a research paper on innovative energy software solutions.

## LANGUAGES

English

Spanish

French