



# MICHAEL ANDERSON

## Senior Building Automation Engineer

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### SUMMARY

Accomplished Building Automation Specialist with over a decade of extensive experience in designing, implementing, and optimizing automated systems for commercial and industrial applications. Expertise encompasses energy management, HVAC control systems, and building management systems, with a proven track record of increasing operational efficiency and reducing costs. Demonstrates a robust understanding of integration techniques involving various protocols and standards, ensuring seamless communication across multiple platforms.

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### WORK EXPERIENCE

#### Senior Building Automation Engineer Tech Innovations Inc.

Jan 2023 - Present

- Designed and implemented advanced HVAC control systems for over 50 commercial properties.
- Led a cross-functional team in the integration of IoT devices for enhanced energy monitoring.
- Conducted thorough energy audits resulting in an average cost reduction of 20% across managed facilities.
- Developed comprehensive training materials for staff on system operations and maintenance.
- Utilized Building Management Systems (BMS) to streamline operations and improve response times.
- Collaborated with architects and engineers to ensure system compatibility with new building designs.

#### Building Automation Technician Green Solutions LLC

Jan 2020 - Dec 2022

- Installed and configured various building automation systems, including lighting and HVAC controls.
  - Performed routine maintenance and troubleshooting of automated systems to ensure optimal performance.
  - Assisted in the development of energy management strategies that reduced waste by 15%.
  - Provided technical support and guidance to clients during system upgrades and installations.
  - Engaged in continuous education on emerging technologies to enhance service delivery.
  - Documented system specifications and maintenance procedures for future reference.
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### EDUCATION

#### Bachelor of Science in Mechanical Engineering, University of Technology, 2014

Sep 2019 - Oct 2020

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### ADDITIONAL INFORMATION

- **Technical Skills:** HVAC systems, building management systems, energy management, IoT integration, project management, troubleshooting
- **Awards/Activities:** Received the 'Excellence in Engineering' award for innovative building solutions in 2020.
- **Awards/Activities:** Successfully led a project that achieved LEED certification for a major commercial property.
- **Awards/Activities:** Increased system efficiency by 30% through the implementation of energy-saving technologies.
- **Languages:** English, Spanish, French