



MICHAEL ANDERSON

LEAD ELECTRICAL ENGINEER

PROFILE

Results-oriented MEP Electrical Engineer with 8 years of experience in the design and execution of complex electrical systems. Extensive background in the healthcare industry, focusing on the integration of advanced electrical solutions in hospital settings. Proficient in using BIM technologies to enhance collaboration and project visualization. Strong analytical skills with a commitment to delivering high-quality work that meets strict regulatory standards.

EXPERIENCE

LEAD ELECTRICAL ENGINEER

HealthTech Engineering

2016 - Present

- Led electrical design for multiple hospital renovation projects, ensuring adherence to healthcare standards.
- Coordinated with architects and healthcare professionals to determine specific electrical needs.
- Utilized BIM software for enhanced project visualization and collaboration.
- Conducted risk assessments and developed mitigation strategies for electrical hazards.
- Managed a team of engineers to deliver projects on time and within budget.
- Provided training on electrical systems to hospital staff and contractors.

ELECTRICAL DESIGN ENGINEER

Global Healthcare Solutions

2014 - 2016

- Designed electrical layouts for clinical facilities and labs, ensuring compliance with safety regulations.
- Performed energy audits to identify opportunities for efficiency improvements.
- Collaborated with project managers to prepare project schedules and resource plans.
- Reviewed and approved shop drawings and submittals from contractors.
- Implemented a new energy-efficient lighting system that reduced energy costs by 30%.
- Assisted in the commissioning of electrical systems post-installation.

CONTACT

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- San Francisco, CA

SKILLS

- BIM
- Electrical Systems Design
- Healthcare Compliance
- Project Coordination
- Energy Audits
- Team Leadership

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, CITY UNIVERSITY, 2013

ACHIEVEMENTS

- Improved patient safety through the implementation of advanced electrical monitoring systems.
- Received recognition for excellence in project management on the 'Green Hospital' initiative.
- Successfully reduced project delivery time by 25% through process optimization.