

MICHAEL ANDERSON

Electrical BIM Engineer

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Accomplished Electrical BIM Engineer with 7 years of experience in the residential construction industry. I specialize in using Building Information Modeling (BIM) to design and implement electrical systems for custom homes and residential developments. My expertise includes creating detailed electrical plans that ensure compliance with local building codes and regulations.

WORK EXPERIENCE

Electrical BIM Engineer | HomeBuild Solutions

Jan 2022 – Present

- Designed electrical systems for custom homes using Revit and BIM methodologies.
- Collaborated with architects to ensure designs aligned with client visions.
- Created detailed construction documents for electrical installations.
- Conducted site inspections to verify compliance with local codes.
- Engaged with homeowners to discuss project updates and modifications.
- Implemented design changes that improved energy efficiency by 15%.

Junior Electrical Engineer | Residential Innovations LLC

Jul 2019 – Dec 2021

- Assisted in the design of electrical systems for residential projects.
- Utilized AutoCAD to develop wiring diagrams and electrical layouts.
- Supported project management efforts by tracking project milestones.
- Participated in site visits to ensure installation quality and compliance.
- Maintained project documentation and design revisions.
- Engaged in team meetings to provide input on design strategies.

SKILLS

BIM Revit AutoCAD Residential Design Electrical Systems Client Coordination

EDUCATION

Bachelor of Science in Electrical Engineering

2014

University of Texas

ACHIEVEMENTS

- Contributed to a project that won an award for innovative residential design.
- Achieved a 20% reduction in energy consumption through effective design.
- Recognized for excellence in client service and project execution.

LANGUAGES

English Spanish French