

ROBERT SMITH

Automation And Electrical Engineer

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SUMMARY

Registered Professional Automation And Electrical Engineer with over 06 years of experience in electrical engineering related to electrical equipment manufacturing, refining, petrochemical, and chemical and industrial plants. Assignments have ranged from detailed design, feasibility studies, scope development, equipment selection, specification writing, calculations, and cost estimates. These have included lump sum and cost reimbursable projects. Technical expertise includes the design, specification, and acquisition of Prefabricated Power Control Buildings and their contents.

CORE COMPETENCIES

PCBA Design, Research, Electrical Engineering, Quartus, LTSpice, PSpice, Altium Designer, C++, Cadence, LabView, Microsoft Office, MATLAB

PROFESSIONAL EXPERIENCE

Automation And Electrical Engineer

ABC Corporation - November 2012 – May 2016

Key Deliverables:

- Reported to overall I/E lead and provide technical area expertise to support the project team.
- Set up project audits for electrical engineering codes based on the approved scope of work.
- Participated with overall i/e lead in the development of the project schedule.
- Generated PCIS for scope changes, variances, and flash trends and submit to overall i/e lead for submission to project management.
- Met with clients technical staff to discuss technical information and features.
- Prepared sketches and perform calculations for all detailed segments of projects.
- Conducted field trips to existing plants to gather operating data and equipment information.

Electrical Engineer Apprentice

ABC Corporation - October 2011 – November 2012

Key Deliverables:

- Participated in the research, selection, design, development, and modification of digital and analog hardware, systems, and electrical components.
- Coordinated with team members to establish basic design approaches.
- Analyzed and assisted in developing approaches to meet performance, reliability, manufacturability, cost, and other requirements for new or improved products.
- Created CAD schematics, PCB layouts, and detailed documentation for new products.

- Conducted testing of existing and prototype product designs to diagnose malfunctions and make routine improvements or modifications to produce desired results.
- Interfaced with outside resources such as PCB prototype houses and contract manufacturers.
- This is Dummy Description data, Replace with job description relevant to your current role.

EDUCATION

B.S. in Electrical Engineering - 2010 (University Of Houston - Houston, TX)
Architecture - 1969(Texas Tech University - Tech, Texas, US)