

Keith T.

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Automated Systems Professional

Programming • Electrical Design & Builds • Start-up Projects • Troubleshooting • Team Leadership

An accomplished, highly skilled automated systems professional with proven experience in installing, troubleshooting and maintaining process manufacturing equipment. Well regarded for performing top-notch programming, electrical design and builds for high-profile projects including installations for several Fortune 500 manufacturers. Recognized by employers as a very capable leader with strong training and mentoring skills; able to break projects down into clearly understandable phases and processes to ensure that team members meet customer deadlines and quality standards.

Additional Areas of Expertise

AutoCAD Drawings • Installations • Fabrication • Project Management • Process Improvement
Stainless Steel MIG & TIG Welding • Troubleshooting & Maintenance • Quality Assurance • Corrective Action • Vendor Relations • Worker Safety/OSHA Compliance • Training & Mentoring

Technical Skills

PID Control • Ethernet/IP • ControlNet • DeviceNet • Motion Control (Servo Motor, robotics, drives)
HMI • SCADA • Microsoft Visual Basic • Vision Systems • PLC (ControlLogix, RSLogix, Siemens)

Experience & Accomplishments

Employer ABC, City, State.....May 2013–Present

Advanced Automation Specialist

Perform design, programming and HMI work for a wide variety of advanced automation projects using programs that include AutoCAD, Eplan, SEE Electric, Allen-Bradley (mostly ControlLogix), Siemens (mostly Step 7), Factory Talk View and WinnCC Flexible.

- Instrumental in developing and installing a new stacker system at an automotive factory; new system increased the efficiency of managing the flow of cars in and out of the facility's paint shop.
- Performed programming using Allen-Bradley and Factory Talk View in developing e-coat painting processes at a construction equipment factory.
- Assisted a leading Fortune 500 manufacturer with implementing a number of production improvements through design work using SEE Electric and programming using Allen-Bradley; efforts resulted in increased productivity and improved safety and included integrating robots into the facility's operations.
- Upgraded PLC programs to enhance production processes for a leading global designer and manufacturer of advanced printed circuit boards.

Self-Employed PLC Cabinet Designer & Builder, City, State.....February 2010–May 2013

Create drawings and blueprints of PLC cabinets as an independent contractor. Project frequency varies and is coordinated with classes and coursework demands as a full-time student enrolled in the Automated Machine Systems program at Technical College in City, State.

Employer DEF, City, State.....September 2005–February 2010

Electrical Controls – Technician & Team Leader

Designed and built PLC cabinets for this provider of engineering and related services including fabrication, automation and controls, specializing in the food industry. Led teams in performing installations for major start-up projects for several Fortune 500 manufacturers. Additional tasks included performing troubleshooting, repairing electrical problems and generating AutoCAD drawings.

Experience & Accomplishments

Employer DEF, Continued

- Highly valued by company for ability to lead teams and coordinate vendors and other project functions in meeting customer deadlines.
- Trained and mentored team members to ensure that all customer quality standards were met.
- Served as the team's "go to" person in troubleshooting and solving problems.
- Consistently recognized by management and vendors for high quality of drawings and cabinet designs, which was a key factor in work being completed faster and more accurately.

Excel Precision Automation, City, State.....January 2005–September 2005

Owner/Automation Technician/PLC Cabinet Builder

Built and wired PLC cabinets for a local engineering firm.

- Performed troubleshooting and repaired electrical problems.
- Designed electrical circuits and programmed variable frequency drives.
- Fabricated stainless steel cabinets for PLCs using MIG and TIG welding techniques.

Employer GHI, City, State.....June 2001–January 2005

Electrical Apprentice

Worked as an apprentice in learning the electrical trade for this full-service electrical and technology systems contractor. Installed and maintained electrical wiring.

- Performed troubleshooting and solved electrical problems.
- Fabricated equipment using stainless steel; recognized by management and customers for delivering work of exceptional quality.
- Frequently assigned to high-profile industrial projects as a result of providing consistently superior work in precision fabrication and demonstrated skills in such areas as metal bending, wiring and welding.
- Acquired extensive knowledge of construction safety procedures and how to work properly in industrial environments.
- Completed OSHA 10-hour training.

Education

Technical College, City, State

Associate degree, Automated Manufacturing Systems Technician

Technical College, City, State

Associate in Applied Science degree, Electrical Power Engineering Technician

Technical College, City, State

AutoCAD coursework (one year)

Training

AutoCAD drawing
Automated external defibrillators
Cardiopulmonary resuscitation
Electrical codes
Forklift operations and safety
MIG and TIG welding
OSHA 10-hour training