

ENGINEERING SPECIALIST

Professional Profile

Have managed major equipment installations and upgrades, strong troubleshooting ability to resolve electrical & mechanical defects. Experienced w/ voltage up to 480 three phase Extensive knowledge in programming, troubleshooting, and maintaining Allen Bradley PLC 5, SLC 500, Control Logix 5000 PLC systems and DeviceNet. Able to program, troubleshoot, and electrically/mechanically repair Fanuc Robotics using the RJ-3 and R30iA controllers. Able to program, troubleshoot and electrically/mechanically repair ABB S4P and S4P Plus and 5400 robots. Proficient in reading electrical, mechanical, hydraulic, and pneumatic diagrams, schematics, layouts, and technical documentation. Knowledge of various hydraulic and pneumatic systems. Ability to perform minor welding and fabrication. Proficient in Microsoft Word, Excel, and PowerPoint. Have received many Job Improvement awards.

Relevant Experience

- Intermediate Programming Allen Bradley PLC 5, Allen Bradley Advanced Programming Allen Bradley PLC 5, Allen Bradley Advanced Maintenance Allen Bradley PLC 5 using RsLogix 5 Software, Allen Bradley Intermediate Programming Allen Bradley SLC 500, Allen Bradley Advanced Programming Allen Bradley SLC 500, Allen Bradley Maintenance and Troubleshooting SLC 500, Allen Bradley Data Highway Plus/ Ethernet/ DH485 Peer to Peer Communications, Allen Bradley DeviceNet Maintenance, Allen Bradley Designing and Configuring a DeviceNet Network using RsNetWorx, Allen Bradley PanelBuilder 32, Allen Bradley Control Logix 5000 Intermediate Programming, Allen Bradley Factory Talk View ME & PanelView + Programming, Fanuc Robotics M16iL ArcMate 120i Robot Disassembly/ Reassembly, Fanuc Robotics Electrical Maintenance with RIA Configured RJ3 Controller, Fanuc Robotics Electrical Maintenance with R30iA Controller using Ipendant, Fanuc Robotics Intermediate TPP Programming, Fanuc Robotics Dispense Tool Operation and Programming, Fanuc Robotics Advanced TPP Programming, Fanuc Robotics Dual Check Safety V7.50 & Newer, ABB S4 Paint Electrical Service, ABB Robotics S4 Paint IPS System, ABB Robotics S4P+ Electrical Service, ABB Robotics 5400 Mechanical Maintenance, ABB Robotics Hardware Calibration and Communication, ABB Robotics S4P Paint Programming, ABB Robotics IRC5P Programming, ABB Robotics IRB 5500 Mechanical Maintenance, ABB Robotics IRC5P Electrical Maintenance, MS Word Fundamentals, Microsoft MS PowerPoint Fundamentals, Microsoft MS Excel Fundamentals, Microsoft MS Excel Advanced, Project Leader Training Honda, Paint Emergency Spill and Response Honda, Spill Prevention, Control, & Countermeasures Honda, Handling of Normal Hazardous Waste Honda, Robotic Safety Principles Honda, ARC Flash Training Honda, Basic Hydraulics/ Pneumatics Honda, Catia, Auto Cad Level 1, Vision Systems (Fanuc 3D iRVision, Cognex, Keyence)

Experience

Engineering Specialist

November 2000 to Current Company Name i¼ City , State

- Responsible for Project Management of new system installations, Investigation and implementation of new equipment.
- Paint Sealant Robot path programming, Fanuc IR Vision system setup and programming, Liberty Reach Vision setup and programming, Robot Operator training, PLC/Controls (PLC 5, SLC 500, Control Logix 5000) programming, HMI programming, and Maintenance support in major critical downtime situations.
- Responsible for all aspects of troubleshooting and repair of a wide range of equipment, such as PLC controlled conveyor systems, PLC controlled Robotic systems, PLC controlled Air Handler systems, PLC controlled Oven systems, PLC Controlled Incinerator system, Lighting systems, and PLC controlled Material Delivery systems.
- Planned and implemented alterations to ensure safety, to improve operator ergonomics, and to increase machine productivity.

Industrial Electrician

January 1996 to January 2000 Company Name i¼ City , State

- Maintained multiple plants in multiple cities by performing maintenance and repair of power distribution systems, automated and semi-automated equipment, relay control systems, Lighting systems.
- Was a first responder to major break downs of any Russell Corporation Plants.

Operator

January 1993 to January 1995 Company Name i¼ City , State

- Operated equipment producing parts for assembly, assembled product, packaged product, and shipped product.
- Maintained production equipment and facilities of plant.

Education

Associates Degree : Applied Science Electronics Technology , January 1995 Central Alabama Community College i¼ City , State Applied Science Electronics Technology

High School Diploma : January 1992 Talladega High School i¼ City , State

Skills

Delivery, ergonomics, Lighting, Paint, PLC, PLC 5, power distribution, producing, programming, Project Management, Robotic systems, safety, troubleshooting, Vision Systems