

JOHNNY L. DALE JR.

Industrial Process Engineer | Industrial Automation Background

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PROFESSIONAL SUMMARY

Process-focused engineer with 13+ years of hands-on E&I, automation, and maintenance experience across continuous-process chemical manufacturing and high-speed food & beverage production (Coca-Cola Consolidated, Frito-Lay, Prairie Farms, Simplot, Roehm Americas). Proven ability to bridge the gap between electrical/instrumentation systems and process performance—using PLC data, instrumentation feedback, and root-cause analysis to improve uptime, throughput, and product quality. Experienced with Allen-Bradley PLCs (RSLogix 500/5000), VFDs, servo systems, industrial robotics, and CMMS/SAP documentation. Completed a B.S. in Software Engineering (WGU, 2026) with growing capability in data analysis and process automation. Seeking to apply system-level thinking to optimize industrial processes, reduce waste, and drive continuous improvement.

PROFESSIONAL EXPERIENCE

Lead Maintenance Technician | Coca-Cola Consolidated

West Memphis, AR | Nov 2025 – Present

Lead electrical, mechanical, and pneumatic troubleshooting on high-speed beverage production and packaging lines, including bottle blow molders, fillers, fill-level detection systems, high-speed labelers, laser/inkjet coders, case packers, palletizers, and conveyors. Analyze recurring equipment failures and process interruptions to identify root causes; implement corrective actions that reduce repeat downtime. Monitor fill-level detection and product handling systems to maintain quality and minimize product waste. Complete preventive maintenance and document repairs, labor, and parts usage in SAP via the Osapiens maintenance application. Collaborate with production and quality teams to align maintenance activities with throughput and product-spec requirements.

Maintenance Technician | Frito-Lay**Jonesboro, AR | *Jul 2025 – Nov 2025***

Troubleshoot and repaired industrial production equipment using electrical testing equipment and equipment schematics. Installed and serviced pneumatic and hydraulic systems, control valves, centrifugal and positive-displacement pumps, and AC/DC electrical systems. Documented preventive maintenance, repairs, labor, and parts in the facility work-order system. Supported production uptime goals by responding to equipment faults and restoring process flow.

E&I Technician | Roehm Americas**Osceola, AR | *May 2011 – Sep 2024***

Supported continuous-process manufacturing systems for monomer production/recycling, acrylic sheet production, milling, silo storage, and pneumatic conveyance. Diagnosed and repaired electrical, mechanical, pneumatic, and hydraulic systems using voltmeters, amp probes, and industrial troubleshooting methods. Used Allen-Bradley RSLogix 500 and RSLogix 5000 for PLC monitoring, manipulation, and ladder-logic troubleshooting—providing process data to engineering and operations teams. Performed instrumentation monitoring, precision motor and pump installation/alignment, hot-oil pump rebuilding, pneumatic cylinder repacking, and maintenance record keeping. Contributed to process reliability by identifying recurring failure modes and recommending equipment/process modifications.

Line Maintenance Technician | Simplot**West Memphis, AR | *Jul 2017 – Mar 2018***

Troubleshoot and repaired food-processing and packaging equipment supporting frozen vegetable production. Maintained vertical baggers, case erectors, bucket elevators, scale sorters, FastBack conveyors, hydraulic tote dumps, and scales. Supported preventive and predictive maintenance programs and documented work orders and parts in JDE. Monitored equipment performance to identify bottlenecks and reduce unplanned stoppages.

Robotics Maintenance Technician | BorgWarner**Water Valley, MS | *Mar 2017 – Jul 2017***

Troubleshoot automated manufacturing equipment including Staubli and Epson robots, conveyors, servomotors, servo drives, hydraulic/pneumatic presses, and injection molding machines. Supported RSLogix 5000-driven PLC applications and restored equipment following automation and production faults. Recorded repairs in CMMS and

used parts-management software for maintenance parts checkout. Analyzed robot cycle faults and coordinated with production to minimize line interruptions.

Plant Automation Technician | Prairie Farms Dairy

Memphis, TN | *Jul 2016 – Mar 2017*

Performed electrical and mechanical troubleshooting on dairy processing, bottling, packaging, palletizing, and blow-molding systems. Supported equipment used for raw-milk transfer, pasteurization, homogenization, bottling, case handling, palletizing, and shrink wrapping. Repaired labelers, case washers, casing machines, case stackers, chain conveyors, centrifugal pumps, conveyance blowers, and related production equipment. Monitored process parameters (temperature, flow, pressure) to support product quality and food-safety requirements.

Plant Engineering Technician | UPS

Memphis, TN | *May 2016 – Jul 2016*

Responded to equipment trouble calls and completed mechanical/electrical repairs on conveyors and automated sortation equipment. Performed preventive maintenance and documented repairs and parts usage with a strong focus on minimizing operational downtime. Supported high-volume sortation process by quickly restoring flow and identifying recurring fault points.

EDUCATION

Bachelor of Science, Software Engineering | Western Governors University

Salt Lake City, UT | *Jul 2023 – April 2026*

Relevant coursework: Data structures, algorithms, software design, database systems, and programming—developing skills applicable to process data analysis, automation scripting, and systems integration.

Certifications

CompTIA Project+ | *October 27, 2028*

ITIL 4 Foundation | *December 10, 2028*

Skills & Competencies

Process Optimization & Analysis
Root-Cause Analysis (RCA) & Troubleshooting
Continuous Improvement (CI) Methodologies
OEE, Downtime Tracking & Throughput Analysis
Preventive & Predictive Maintenance Strategy
Process Instrumentation & Control Loop Monitoring
Mass Balance / Flow Monitoring (continuous process)
Automation & Controls
Allen-Bradley PLCs (RSLogix 500 & 5000)
Ladder Logic Monitoring & Editing
VFD Setup/Programming (Allen-Bradley & Siemens)
Industrial Robotics (Staubli & Epson)
Servo Motors, Drives & Motion Control
HMI / SCADA Interaction

Industrial Electrical Troubleshooting
Instrumentation Calibration & Monitoring
AC/DC Electrical Systems
Electrical, Mechanical & Hydraulic Schematics
Motors, Pumps & Precision Alignment
Control Valves & Conveyance Systems
High-Speed Packaging & Processing Lines
Bottle Blow Molders, Fillers & Labelers
Pneumatic & Hydraulic Systems
Centrifugal & Positive-Displacement Pumps
Heat Transfer / Pasteurization / Homogenization
Material Handling & Conveyance