

Combined Welding & Industrial Maintenance Resume (Experience-Focused)

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Professional Summary

Over 20 years of hands-on experience in the metal manufacturing, welding, and fabrication industries, paired with 5+ years as an Industrial Maintenance Technician. Expert in structural, sanitary, aluminum, and code welding, as well as mechanical diagnostics, industrial machine repair, and facility maintenance. Adept at keeping large-scale operations running smoothly through strategic troubleshooting, fabrication, equipment rebuilds, and preventive maintenance. Strong ability to work independently, lead repairs, and handle complex technical challenges in high-demand environments.

Core Competencies

MIG, TIG, Stick, FCAW, Aluminum, Sanitary welding

Industrial equipment repair & diagnostics

Hydraulics, pneumatics, conveyors, gearboxes

Heavy equipment repairs (loaders, scrapers, skid steers)

Fabrication, fitting, plasma cutting, torch work

Blueprints, schematics, welding symbols

Preventive maintenance, root cause analysis

Three-phase motors, sensors, basic electrical

Machine installation, alignment & calibration

OSHA safety compliance, LOTO

Highlighted Experience

Industrial & Mechanical Maintenance (5+ Years)

- Troubleshoot and repair bakery production equipment, hydraulic and pneumatic systems, rebar shears/benders, overhead cranes, conveyors, and industrial drive systems.
- Rebuild gearboxes, drive trains, pumps, motors, and mechanical assemblies.
- Perform alignments, calibrations, bearing replacements, belt systems, and machine adjustments.

- Diagnose electrical issues including sensors, contactors, relays, and 3-phase motors (non-programming PLC awareness).
- Conduct root cause analysis to minimize recurring failures.
- Execute PM programs for high-output manufacturing environments.
- Support equipment installations, teardowns, retrofits, and line improvements.

Welding, Fabrication & Millwright Work (20+ Years)

- Structural steel, pressure vessels, sanitary pipe, marine aluminum, and heavy equipment welding.
- Code welding experience including ASME 6G Pipe & Pressure Vessel.
- Fabricate guards, frames, platforms, brackets, and custom parts.
- Perform fit-ups, cutting, grinding, shaping, and precision layout.
- Sanitary TIG for food-grade tubing, vessels, and process equipment.
- Repair heavy machinery including loaders, scrapers, backhoes, and industrial earth-moving assets.
- Skilled in stainless/aluminum fabrication with an emphasis on food-grade environments.

Strengths & Capabilities

- Keeps production running through fast, accurate troubleshooting.
- Capable of leading major repairs from concept to completion.
- Strong understanding of metallurgy, distortion control, and weld quality.
- Able to transition between welding, mechanical, and electrical tasks as needed.
- Excellent problem-solving skills in deadline-driven environments.

Technical Skills

Plumbing, CNC (lathe & mill), SolidWorks, CAD, micrometers, calipers, electrical troubleshooting, hydraulics, brake repair, automotive diagnostics, crane operation, quality assurance, blueprint reading, forklift, carpentry, machining, heavy equipment operation, ASME codes, plasma cutting, fabrication, mechanical engineering basics.

Languages

Spanish — Fluent

Certifications & Licenses

AWS D1.1

Welding Certifications (MIG/TIG/Stick)

OSHA 10

Forklift Certified

Driver's License (Valid through 2028)