
Felipe Machado do Bem

1605 Rockwater Blvd, North Little Rock, 72114 ♦ +1 501 648 5889 ♦ felipemachadodobem@gmail.com

Professional Summary

Dedicated and results-driven professional with a proven track record in large-scale industrial maintenance, equipment operation, and industrial boilermaking. Possessing a Production Engineering degree and an Electromechanical Technician diploma, I bring a wealth of experience from well-known companies in Brazil and around the world, including Gerdau, Yamana Gold, Usiminas Mining, Ferroport, South Atlantic and Welspun Tubular. Adept at executing corrective and preventive maintenance, troubleshooting complex machinery, and ensuring quality and safety in all operations.

Skills

- I am a professional that quick learner.
- Proficient in machine troubleshooting, repairing, and industrial equipment assembly.
- Expertise in hydraulic and pneumatic system maintenance and troubleshooting.
- Strong ability to work collaboratively in a team environment, fostering a culture of safety and commitment to results.
- Skilled in industrial boilermaking for parts manufacturing and repair of equipment componets using technical drawings.
- I am a hard worker, organized and always working with safety first.

Work History

Mechanical Millwright Level II, November 2025 – Currently

Welspun Tubular – Little Rock - AR, US

- Working with corrective and preventive maintenance.
- Replaced, fixing, assemble and install machinery and equipment such as shafting, precision bearings, gearboxes, motors, mechanical clutches, conveyors and tram rails.
- Moving material and components operated with the hoists, power jacks, power tools, forklift, man lift, scissor lift, sky track and rigging devices.
- Working with fluid mechanics (hydraulics and pneumatics) to include knowledge of valves, cylinders, pumps, HVAC and compressors and construction activities such as plumbing, welding, assembly.

Group Leader, May 2025 – October 2025

South Atlantic LLC – Little Rock - AR, US

- Promoted from Material Handler to Group Leader Trainee and than Group Leader, I started to work to South Atlantic LLC company through G1 Staffing, start-up a New plant of Steel Galvanization in Little Rock. I was doing some adjusting in the plant, as, cutting and assembling sheets with a blowtorch in the floor gutters. Assembling protective sheet in the furnace area. I was doing 5S in the plant after the assembly was completed. I loaded the furnace with zinc. The plant started operating, the steel galvanizing production process. Moving material using a forklift and overhead crane. Following company production and safety procedures. Cleaning, packaging and finishing materials after the galvanizing process is complete. Completing all other reasonable tasks assigned by the Supervisor or the General Manager.

Material Handler, Marsh 2025 – may 2025

G1 Staffing – North Little Rock - AR, US

- I was working to at South Atlantic before their hire me.

Mechanical Technical Specialist, March 2020 – November 2024

Ferroport – São João da Barra - RJ, Brazil

- Promoted from Mechanical Inspection Technician III and then Mechanical Technician Specialist, Performed preventive and corrective maintenance, equipment inspection according to plans and immediate equipment repair if necessary. I repaired or replaced pumps, compressors, structures, belt conveyors, ore stackers/reclaimers, ore ship loaders, and their components, such as chains; gearboxes; drive chains; oil; filters; valves; bearings; couplings; rollers; brakes; hydraulic hoses; seals; grease; hydraulic and pneumatic systems; steel cables; translation wheels; industrial coatings; electric winches; welding and power tools.

International Experience, August 2019 – February 2020

UMASS – Amherst - MA, United States

- Studied English while accompanying my wife during her Food Science Ph.D. research program at UMASS.

Mechanical Technician III, July 2014 – July 2019

Ferroport – São João da Barra - RJ, Brazil

- Promoted from Mechanical Technician II to III, repaired and replaced equipment such as chains; conveyor belts; gearboxes; drive chains; oil; filters; valves; bearings; couplings; rollers; brakes; hydraulic hoses; seals; grease; hydraulic and pneumatic systems; steel cables; translation wheels; hydraulic tubes; pneumatic cannons; industrial coatings; electric winches; using welding/cutting, power tools and other Ore Port equipment aiming a good performance, always putting with safety first.

Maintenance Technician, February 2014 to June 2014

Usiminas Mineração – Itatiaiuçu - MG, Brazil

- Performed inspection, planning to preventive and corrective maintenance of the Iron Ore Mining for an excellent performance, in the equipment such as: mills, slurry pumps, tubes, belt conveyors, hydraulic systems, centered grease lubrication systems, valves, and other equipment of the Iron Ore Mining for an excellent performance.

Mechanical Technician, June 2013 to January 2014

Yamana Gold – Alto Horizonte - GO, Brazil

- Performed executed the preventive and corrective maintenance beside inspected and planned maintenance in the equipment Copper and Gold Mining Plant equipment for a good performance, such as: mills, crushers, pumps, belt conveyors, hydraulic systems, centered grease lubrication systems.

Mechanical Technician II, July 2007 to May 2013

Gerdau – Ouro Branco - MG, Brazil

- Promoted from Maintenance Mechanical to Mechanical Inspection and then Mechanical Technician II, worked in the Sinterization plant in the steel mill. Performed preventive and corrective maintenance identifying and inspecting equipment to detect faults and malfunctions according to plant maintenance plans. Executed corrective and preventive maintenance in a lot of type of equipment.

Education

- Bachelor's Degree: Production Engineering, March 2021
Universidade Estácio de Sá – Campos – RJ, Brazil
- Technician course: Electromechanical Technician, December 2008
Centro Federal de Educação Tecnológica de Minas Gerais – CEFET- Leopoldina – MG, Brazil