

Jauvard Gentles

- Canadian professional within Alberta, with a background in the energy sector and a growing focus on engineering, AI/machine learning, and sustainability data analysis.
- Current 2nd-year Heavy Duty / Aerospace Engineer with hands-on experience as a skilled contractor and specialist. He has a strong interest in applying AI and data-driven solutions to industrial and sustainability challenges, particularly in energy and carbon management.
- Key Accomplishments and Experience: Rio Tinto Aluminum Modernization Project.
 - Served 5 years as a skilled contractor/specialist on the Rio Tinto Aluminum modernization project in Kitimat, BC. This role involved heavy-duty operations in a major industrial/energy related setting.
 - Previous Position— skilled worker / Operator at Charl Pol Inc. (industrial machinery manufacturing), based in Quebec but offices in Kitimat, BC.
- AI and Machine Learning Certifications:
 - Certified in Machine Learning Foundations via Amii Pathways (Edmonton, Alberta), with a focus on carbon and sustainability footprint analysis for businesses.
 - Google Generative AI Analyst certification.
- Community Involvement — Active volunteer and development opportunities member with the non-profit ACHA (African Cultural Heritage Alliance), contributing to community and cultural initiatives.
- Completed government-funded AI courses for energy applications, SaaS models, agentic AI, CO₂ data analysis, and optimization. Public posts highlight his credentials on LinkedIn and a proactive approach to building value in tech for industrial use cases.
- Possess heavy industry experience with emerging expertise in AI/ML for sustainability. With work aligned towards Canada's energy transition priorities, focusing on carbon footprint reduction and data-driven optimization.
- Aspirations — Actively seeking roles as an AI/Machine Learning Engineer in the energy sector while navigating to mechatronics.