



Fernando Giordano

Tech | Oil & Gas | Manufacturing

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American VISA: R B1/B2

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Bringing technical expertise and leadership from the oil & gas industry, I'm ready to contribute to web applications and process enhancement following completion of a Full Stack Development bootcamp. Proficient in front-end and back-end technologies, including HTML, CSS, JavaScript, Java, Python, Node.js, and React, I am open to new challenges and committed to fostering a culture of continuous learning and innovation.

Areas of Expertise

- ◆ Process Safety
- ◆ Risk Management
- ◆ Technical Problem-solving
- ◆ Programming Languages
- ◆ Web Development Tools
- ◆ Database Management
- ◆ Operations
- ◆ Team Leadership
- ◆ Cross-Functional Collaboration

Career Highlights

Academia de Código

2023

Full Stack Developer (Full Stack Programming Bootcamp)

Acquired comprehensive Java programming skills through hands-on projects, including pair programming sessions and collaborative game development. Developed applications progressively throughout the bootcamp to apply concepts in real-world scenarios. Explored modern development practices such as Agile methodologies and version control systems. Demonstrated proficiency in Java, emphasizing clean code principles and Object-Oriented Programming techniques.

- Gained expertise in Network Programming for communication between systems.
- Attained proficiency in Java Web Programming for web application development.
- Explored Java Database Connectivity (JDBC) for database interactions.

ExxonMobil

2021 – 2022

Operations Technician

Coordinated and managed team of suppliers and service providers to ensure timely and efficient hydro-blasting, crane lifting, and lifting platform services. Oversaw construction of fire water tanks, ensuring compliance with project deadlines and safety standards. Conducted regular on-site inspections to assess safety conditions.

- Developed comprehensive CAD drawings based on project requirements, providing accurate visual representations of construction plans.
- Collaborated with project managers and engineers to optimise construction workflows, including progress reports, safety records and equipment maintenance logs, resulting in increased efficiency and productivity.

ExxonMobil

2018 – 2021

Substitute Operator

Provided comprehensive SH&E leadership training to Shift Leaders and conducted simulator-based training sessions for Console Operators, enhancing their key skills in efficiency and operational safety. Collaborated with team members to investigate and report incidents, contributing to the enhancement of overall safety measures.

- Developed and updated procedures, improving operational efficiency and ensuring compliance with industry regulations.
- Coordinated and conducted emergency drills, ensuring preparation of all shift teams to respond effectively in case of incident.

Conducted investigations into incidents and implemented corrective actions to prevent future occurrences. Creating and updating P&ID drawings and documentation to reflect changes in processes. Participated in audits to ensure compliance with company standards and regulations.

- Skilled in safely releasing and isolating critical equipment for maintenance in industrial settings, including furnaces, hydrogen compressors, pressure vessels, and distillation towers.
- Proficient in lockout/tagout procedures to ensure technician safety. Capable of conducting comprehensive pre-inspections, safety tests, and risk assessments, ensuring strict compliance with safety standards and regulations.
- Conducting risk assessments, issue work permits, and coordinating teams to ensure safe authorizing and execution of high-risk work activities, such as working at height and confined spaces within the petrochemical industry.

Additional Experience

Console Operator & Process Assistant, ExxonMobil

Education

Engineer's Degree in Mechanical Production
Universidade Paulista

Full Stack Web Development
Code For All

Technical Proficiencies

Programming: HTML5, CSS, JavaScript, Python, Java, MySQL

Libraries: Bootstrap, jQuery, Junit, Simple Graphics GFX

Frameworks: React, Flask, Spring MVC, Hibernate, Tomcat

Others: Visual Studio Code, IntelliJ, GIT, VIM, Maven, Postman, Windows, Linux

Licenses & Certifications

Alura: [link to access all certificates](#)

Fundamentals Of Safety Leadership: Train-the-Trainer, Level 3, ExxonMobil/US, Jan 2020

Distillation Simulator: Trained to training Console Operators, ExxonMobil/BR, Apr 2019

Fired Heater Simulator: Trained to Console Operators, ExxonMobil/BR, Apr 2018

Emergency Support Group: Workshop - ExxonMobil/BR, Set 2017

AutoCAD 2011 - Project 2D/3D, Autodesk/BR, Feb 2015 - Certificate No. 1616961673

Languages

English, Advanced | Espanhol, Intermediate | Portuguese, Native