

A dedicated, dynamic and highly motivated project and structural engineering professional combining manage experience with a proven track record of delivering projects on time, in full, on budget and in line with client expectations. Expertise in the Mining, Power and Oil & Gas industries on a global scale having delivered major construction projects and development projects. A natural leader who manages and motivates multidisciplinary teams to achieve common aims and able to successfully coordinate multiple projects simultaneously through effective planning and organisation skills. A wealth of Onshore, Structural & MEP construction techniques, maintenance and HSE management, knowledge and strong financial acumen with the ability to implement highly cost-effective solutions for high value projects.

I have been working in the Oil & Gas industry for more than 22 years in Venezuelan for the National Oil Industry (PVSA) and private companies, including 8 years in Bakersfield, CA, under a H1B visa with Stantec (Canadian company and former Processes Unlimited) till February 2015, providing planning, leadership, direction and technical expertise in managing the timely procurement of materials, equipment / plant and labour resources, delivery to site and construction of the sub contract work packages, mainly comprising of Major Refinery Building Structures, (Like Electrostatic Separators, Fractionation Towers, Tank foundations, major Piperack and Pipe 's Supports and similar), drilling & process platforms, Pipe Corridor Bridges, and Ambient Recovery projects.

Areas of Expertise include:

- Construction & Project Management
- Building Maintenance & Management
- Oil & Gas Experience.
- On Shore & Off Shore
- Brownfield & Greefield
- Merine Experience
- Health & Safety
- Construction Site Supervision
- Team Building & Leadership

Professional Experience

DECON • Panamá City, Panama • 2022 – Actual

A creative Arquitectural & Engineering organization, focused on households creation, creative residential projects, friendly ambient focused on giving modern and human new experiences on high quality living environments.

ENGINEERING MANAGER.

Assigned for the administration, planning, procurement and control of technical and information resources for maintenance projects and improvements of residential, commercial and office buildings, as well as the equipment to the different areas of the companies, to meet the technical cost requirements and time, guaranteeing profit margins and adherence to regulations and the timely detection of deviations to achieve an execution that generates the best performance for the company from the assigned budget and the added value for customers.

Key Accomplishments:

- Carry out inspections of the facilities of the assigned buildings to identify and solve problems, developing maintenance procedures and their supervision, to guarantee their adequate and timely implementation.
- Check the mechanical, sanitary and electrical systems of the buildings to ensure functionality, planning and supervising all installation, repair and preventive and corrective maintenance activities.
- Define the business opportunities and considerations of the company's land, for new real estate business opportunities, through the implementation of new or improved technical and administrative areas for the successful development of maintenance/improvement projects.

LIQUID JUNGLE ASSETS (SIMCA Island). • Panamá • 2021 - 2022

A unique island experience which feels like a cruise, safari and beach resort melted together

OPERATIONS MANAGER.

Hired for three months (Dec. 2021 till Feb. 2022) as assessor to develop an accurate and complete diagnosis in existing sustainable hospitality infrastructures, in order to recover installations, upgrade and improve efficiency and backup. Responsible for controlling project supplies, reviewing construction work, and developing budgets and proposals for the hotel plan improvement, like implementing full Solar Panels infrastructure system instead Electric Generators. Performing weekly and comprehensive reviews of the construction's progress to check up on communication, cost-control and work force skill.

Making executive decisions about what to include or rethink in the construction plan. Additionally, reviewing owner's design and specifications, or redesign, of the hotel's interior by constantly checking in with owner's representative. Efficiently developing budgets and proposals for approval with the owner, and skills to negotiate design, architectural and construction contracts and revenue opportunities. Responsible for quality and timely planning & control execution procedures.

Key Accomplishments:

- Planning and executing an existing hotel infrastructure, developing hotel branding or modernizing technology. Responsible for preparing all job descriptions, outlining the requirements, skills and education to fulfill the position of all workers and employees in a 60-day timeframe.
- Monitor payroll, customer billing, and expense accounts. hiring, training, and scheduling new staff members. Also maintain employee records and fire ineffective employees.
- Played a key role in the acquisition of new engineering business features, promoting the organisation and leading multidisciplinary teams effectively

STEEL BUILDINGS & BRIDGES CORP. • Panama City, Panamá • 2020 - 2022

A International Steel Industry with more the 40 years' experience in complex steel related structures with integral EPC project managing devotion.

CIVIL PROJECT MANAGER.

Providing project support for all related project development and construction site activities. Coordinating project supervision and inspection teams including all subcontractors, also identifying costed and processed contract variations and tracking activities against detailed project plans. Inspecting project sites to monitor progress and ensure compliance with all design and safety specifications. Researching, testing, measuring and analysing patterns on various elements and other environmental conditions to provide assessments on civil engineering factors and planning in all company's projects.

Key Accomplishments:

- Efficiently coordinated project operations such as job site organization, schedule development and quality control, forecasted costs, quantity, budget of engineering equipment and labour needs for all assigned building projects.
- Conducted research on design options, reviewed fabrication shop drawings, and ensured best possible maintenance-oriented design.
- Calculated & developed accurate cost estimates and evaluated proposed changes to approved plans & specifications and prepared technical documentation for steel structure material requisition for the airport superstructure and assists the procurement dept. in the technical evaluations.
- Liaised with all company's departments to study technical alternatives for the acquisition of new engineering business aspects, company promotion and team leadership

AODC Consulting S.A., Tocumen T2 Project • Panamá • 2019 - 2020

A Spanish Airport Industry consulting firm for airports administrative systems operator.

AIRPORT OPERATIONS CONTROL CENTRE (AOCC) PROJECT MANAGER.

Overseeing and developing input for design development of the AOCC (The command, coordination and control centre for the whole airport which integrates the diverse processes relating to the three major operational areas: passenger, baggage and cargo, and aircraft systems) identified in preconstruction and early phase design. Review and evaluate Special Systems designs and interface with designers and subcontractors to ensure quality and conformance of the installation to user requirements.

Manage and lead the execution and installation of the special systems work and its coordination with the balance of the project. Communicate and interface closely with the client to develop positive relationships and cooperation. Manage special systems testing process and interface closely with TIA and government representatives and outsourcing consultants. Process, evaluate, monitor, and control changes to the work for the Airport Special Systems.

Key Accomplishments:

- Liaised with Tocumen Airport Operations, Maintenance, IT departments and construction companies to ensure a joined-up approach to project work and clear channels of communication.
- Collaborated with administrative & operations systems suppliers & subcontractors and ensured facility safety, completion under budget and time requirements, as per public, aeronautical and corporate safety regulations.
- Calculated & developed accurate cost estimates and evaluated proposed changes to approved plans & specifications

ANAIRAM, S.A., Panamá Plaza Mall Project • El Ingenio, Panamá • 2018 - 2018

Anairam, S.A. is a real estate development services company that specializes in representing and protecting its clients' interests in their most important building projects.

PROJECT MANAGER

Effectively and accurately responsible for the successful initiation design, planning, execution, monitoring, controlling and monitoring of the Panama Plaza Mall project phases. Supervising construction, architecture requirements, technical

constructivism technology needed and many different related abilities oriented to the success of this project. As a project manager must I had a combination of skills including an ability to ask penetrating questions, detect unstated assumptions and resolve conflicts, as well as more general management skills, consistently covering the talent triangle's 3 principal aspects: technical PM skills, leadership skills, strategy & business management skills

Key Accomplishments:

- Efficiently developing project objectives by reviewing project proposals and plans in liaison with managers, directors and all main stakeholders.
- Regularly maintaining project schedule, quality and resources by monitoring project progress through the coordination activities and efficiently resolving any bottlenecks and technical issues.
- Determine project responsibilities by identifying project phases, elements and tasks, assigning required resources to activities and objectives and reviewing & submitting bids from contractors to the project manager approval.
- Liaised with architectural, mechanical, and electrical departments to ensure a joined-up approach to project work and clear channels of communication. Responsible for the technical accuracy of designs.

FIRST QUANTUM MINERALS, COBRE PANAMÁ PROJECT • Coclé, Panamá • 2017 - 2018

A Canadian based Mining/Metals Company with principal activities of mineral exploration, development, and mining.

SENIOR PROJECT ENGINEER FOR NON-PROCESS INFRASTRUCTURES

Directed all the activities related to the project's civil but also mechanical, electrical and plumbing engineering aspects, which included devising and implementing effective plans, designs, layouts and project specifications and proposals.

Actively plan, review and schedule project, which contributed to overall and on time project completion. Effectively observed and recorded existing conditions and verified measurements. Diligently oversaw design/draft activities and produced drawings/sketches for designers and drafters.

Key Accomplishments:

- Efficiently conducted research on design options, reviewed IFC drawings, and ensured best possible constructional and maintenance-oriented design.
- Regularly liaised with departments, which included Operations, Mining and MEP, to ensure a joined-up approach to project work and clear channels of communication.
- Attended meetings to resolve issues, liaised with clients and stakeholders, and built and maintained robust working relationships with the all parties.
- Ensure that contractual deliverables are produced and issued on time and in compliance with the clients requirements

PETROBELL INC. • Quito, Ecuador • 2016 – 2017

Carried out oil exploration and exploitation activities in the Tigüino Block, located in the Amazon of Ecuador, 107 km south of the city of Francisco de Orellana (Ciudad del Coca).

STRUCTURAL PROJECT ENGINEERING LEADER

Instrumental in management of all project's civil and structural engineering aspects for the National Ecuadorian Oil & Gas Industry, which included devising and implementing effective plans, designs, layouts and project specifications and proposals. Conducted field work such as observation, recording existing conditions, and verifying measurements.

Key Accomplishments:

- Resourcefully completed structural design and analysis calculations to ensure compliance with all governing codes, safety standards and engineering formulas while identifying any areas for improvement.
- Closely liaised with other departments, including architectural, mechanical and electrical, to ensure a joined-up approach to project work and clear channels of communication.
- Developed project plans including engineering design/procurement, fabrication, vendor mobilization, onshore construction and commissioning.
- Review of existing contractor operations, assessing both the strengths and weaknesses, implement changes and drive contractor workforce to deliver.

CONSTRUCTION SYSTEMS GROUP • Panama City, Panama • 2015 – 2016

Highly skilled engineering and architectural company oriented to client's satisfaction, perfectly capacitated to bring their best results to clients and stakeholders, with more than 30 years of experience in Panama in the commercial and residential building construction industry.

RESIDENT ENGINEER (CONSTRUCTION DEPARTMENT)

Assertively led structural civil works for South Plaza Mall project, which included grading, foundations, structural steel construction, and external works. Directed all elements of the planning and construction phases by subcontractors to ensure optimal efficiency and quality.

Key Accomplishments:

- Consistently ensured project progression in line with time, cost, and quality requirements while resolving any issues.
- Collaborated with construction subcontractors and ensured facility safety, completion under budget and time requirements, as per public and corporate safety regulations.
- Calculated requirements and identified key factors in planning and construction civil & MEP work tasks to ensure minimum delays and resolution of issues.
- Effectually managed all financial aspects of the project, which included preparing cost forecasts, quantities, engineering equipment budget and labour requirements for all assigned building projects.

STANTEC (FORMERLY PROCESSES UNLIMITED) • Bakersfield, California • 2008 – 2015

Designers, engineers, scientists, and project managers, innovating together at the intersection of community, creativity, and client relationships.

PROJECT ENGINEER CONSULTANT III

Directed all the structural civil design and field inspections of multidisciplinary oil and gas projects to ensure maximum quality and accuracy in line with expectations. Managed all aspects of the project's civil and structural engineering by devising and implementing effective plans, designs, layouts and project specifications and proposals. Utilized computer-assisted engineering and design software to prepare engineering design documents, including SAP and RISA 3D.

Key Accomplishments:

- Successfully managed all phases of projects and civil detailed engineering works across various sites and projects.
- Calculated/developed accurate cost estimates and evaluated proposed changes to approved plans/specifications.
- Conducted research on design options, reviewed fabrication shop drawings, and ensured best possible maintenance-oriented design.
- Liaised with architectural, mechanical, plumbing and electrical departments to ensure a joined-up approach to project work and clear channels of communication.

G&C CONSTRUCTIONS AND CONSULTING • Maturin, Monagas State, Venezuela • 2006 – 2008

An uprising leader in the construction industry, priding itself on delivering excellent service and quality workmanship.

DISCIPLINE PROJECT LEADER (STRUCTURAL DEPARTMENT)

Tasked with leading structural civil works for multidisciplinary oil and gas projects elaboration for PDVSA, including pipe corridor bridges, gas power stations, administrative and pumping stations, control buildings, office buildings and industrial buildings at Oil and Gas refinery plants. Determined requirements and identified key factors in planning and designing civil work specifications to ensure minimum delays and resolution of issues.

Key Accomplishments:

- Ensured on time project progression in line with time, cost and quality requirements and resolving any issues as they arise to keep project on track
- Managed project financial aspects, including preparing cost forecasts, quantities, engineering equipment budget and labour requirements for all assigned building projects.
- Played a key role in the acquisition of new engineering business features, promoting the organisation and leading multidisciplinary teams effectively.
- Successfully ensured scope was executed as per FDP and agreed strategies, plans, budgets and schedules, also participated in key various milestone review till project was sanctioned.

Career Note

External Project Leader Civil Engineer & Structural Engineer | TDR ORGANIZATION • Maturin, Monagas State, Venezuela (2005 – 2008)

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Discipline Project Leader | Tecnoconsult, Maturin, Monagas State, Venezuela (2004 – 2006)

Project Manager | GEPS Multiservices, Anaco, Anzoátegui State, Venezuela (2003)

Project Coordinator and Structural Project Leader | PDVSA, Punta de Mata District, Monagas State, Venezuela (1996 – 2003)

Construction Superintendent / Construction Site Manager | EWING Constructions, A. C., Puerto La Cruz (PLC), Anzoátegui State, Venezuela (1993 – 1996)

Construction Inspection Coordinator / Resident Engineer | Dk Projects & Constructions, Lecherías, Anzoátegui State, Venezuela (1989 – 1993)

Resident Engineer / Technical Advisor | DIEZ Constructions, C.A., Barcelona, Anzoátegui State, Venezuela (1986 – 1988)

Education & Professional Development

- **MSc. Project Management Specialty** – Andrés Bello Catholic University, Caracas, Venezuela (2000-2003)
- **BSc. Civil Engineering – Specialty: Roads & Highways** – Santa María University, Caracas, Venezuela (1974-1976)
- **BSc. Civil Engineering – Specialty: Structural** – Santa María University, Caracas, Venezuela (1969-1974)

Courses and Professional Training

- **Introduction to Earthquake Engineering** (24 hours, Sept 1997)
- **Applications of Seismic Engineering to the Evaluation of Oil Industry Installations** (24 hours, 1998)
- **Safety in Confined Spaces** (8 hours, 1999)
- **Work Permits** (16 hours, 1999)
- **Safety, Hygiene and the Environment in the Oil and Petrochemical Industry. Level C: Supervision** (48 hours, 2001)
- **Project Management Course** (Processes Unlimited, 15 PDH, 2012)
- **Diploma in Occupational Risk Prevention and Industrial Safety** (UDETIN Academy, Delaware, 48 hours, 2021).
- **OSHA Outreach Training for the Construction Industry** (OSHA Education Center, 30 hours, 2022)
- **Project Management Course** (USEMI, 35 hours, 2022)

Most Important Building Projects

- **FOSQUIMICAL y COMQUIDOR** industrial chemical plants, concrete buildings design and inspection in Carupano, Sucre State, Venezuela – Organization: *ESPRINCA* (Intecsa Studies & Projects, Spain), (1976-1978)
- **CADAFE Industrial Building for MTU Emergency Plant** at Alfredo Salazar Electric Generation Plant, as Project Manager responsible in Anaco, Anzoategui State, Venezuela – Organization: *SVF Consulting*. (1987-1988).
- **PIGAP I & II (High Pressure Gas Injection Plant Project)** as Quantity Surveyor & Controller for earthworks, grading & site preparation for PDVSA's project in Punta de Mata District, Monagas State, Venezuela
Organization: EWING Constructions, A. C.,. (1993 - 1994).
- **Santa Barbara Gas Compression Plant Construcion** as Civil Inspector for earthworks, grading, site preparation & concrete foundations for PDVSA's project in Santa Barbara, Monagas State, Venezuela, –
Organization: First Quantum Minerals (1996-1997).
- **Exploration Units Main Building (ESUE)** construction, as Structural Lead Engineer & Construction Inspection in Punta de Mata city, Monagas State, Venezuela – Organization: *PDVSA - Punta de Mata District* (1998-2000)
- **Bunker Model Building for Oil & Gas Operative Center**, projects development as Project Manager / Structural Discipline Leader (Mury O.C., Santa Barbara O.C., Tejero O.C., Musipan O.C. and Carito O.C.) –
Organization: PDVSA-Punta de Mata District (2000-2002).
- **Sulphur & Cocker Stack Reclaimer Slabs Construction** in Jose Refinery Plant Resident Engineer for site preparation & concrete slabs construction for PDVSA's project developed by Tecnoconsult, Anzoategui State, Venezuela, – Organization: *GEPS Multiservices, Anaco* (2003 -2004)
- **Piedra Azul Stone Quarry Gas Pipeline Engineering**, as Civil Discipline Leader, responsible for project development and Control, in Maturin, Monagas State, Venezuela, – *Organization: Tecnoconsult* (2004 - 2005)
- **Service Docks, Stages I & II, Preliminary Phase belonging to Gran Mariscal de Ayacucho (CIGMA) Industrial Complex Project**, as Structural Discipline Leader responsible for Basic & Detailed Structural Engineering projects related to Gas Extraction and Shipping at Paria Peninsula developed by Chevron for PDVSA, Sucre state, Venezuela – *Organization: TDR Organization* (2005 -2005)
- **Conditioning of the Dock and Tank Yard of Caripito's Tank Farm**, as Civil Discipline Leader for Basic & Detailed Engineering Project, including all civil works for the repair of existing docks, their expansion, infrastructure works, dredging and protection of the access channel for tankers in Caripito, Monagas State, Venezuela (2007-2008)
- **Chinese-Venezuelan Drilling Platform Industry**, as Civil Discipline Leader, responsible for PDVSA & Chinese Government project , related to Basic & Detailed Engineering for a Drilling Platform Fabrication & Testing Industry, in Palital, Anzoategui State, Venezuela – *Organization: Proynca Venezuela*(2008 -2009).
- **Oil & Gas projects, for the oil companies (PxP, Burren, Chevron, Texaco, KOC Kuwait, AERA, Vintage)**, as Project Engineer Consultant III, responsible for field data survey, decivil design & calculations and field inspections per elaboration of multidisciplinary projects, like: oil & gas piping corridors & pipe racks; vessel, pump, steam generators and tank foundations, pipe supports, access roadways, retaining walls, and similar, in Bakersfield, California, US. – *Organization: Stantec (Formerly Processes Unlimited)*, (2009-2015)
- **Access, Perforation and Infrastructures Development Project for Tigüino Block**, as Civil Discipline Leader, responsible, project located in the Amazon of Ecuador, 107 km south of the city of Francisco de Orellana (Ciudad del Coca) for Petroecuador (National Ecuadorian Oil & Gas Industry), I Quito, Ecuador– *Organization: Petrobell Inc.* (2016-2017)
- **Steel Building Structures for Cobre Panamá Project** (Panama Copper) comprising (83) different building structures, like: Workshops (3), Replacement & Spare Parts Warehouses (2), Liebherr Trucks Maintenance Building (1), Mine Laboratory (1), Gas Pump Station (3), Mine Administrative Main Building (1), Mine Shift Change Building (1), Port Administrative Main Building (1), Training Centers (2), as Structural Senior Project Engineer Leader, in Cocleito, Colon province, Panamá. – *Organization: First Quantum Minerals* (2017-2018)