

Contact

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Top Skills

Agile Environment

Jira

Programming

Languages

Español (Native or Bilingual)

Inglés (Full Professional)

Portugués (Limited Working)

Certifications

Developing Your Leadership Philosophy

Shopify Essential Training

Managing Globally

Scrum Fundamentals Certified

Honors-Awards

Medalla de Plata

Becario Roberto Rocca

Alberto Mario Pereira

Project manager | Scrum Master | Product owner | Software | Business and Data Analysis | Industrial Automation | Industry 4.0 | Maintenance

Kitchener, Ontario, Canada

Summary

Electronics Engineer and Project Manager (PMI standard), large experience defining, managing and taking part in projects in different areas like industrial automation, software solutions, networking, embedded systems and electrical installations in different types of environments, with leadership attitude and always looking for ways of making processes I am involved in as efficient as possible. Great skills in the acquisition and startup of new technologies. Results driven in team-based environments. Field Experience. Eager to learn. Cost Management. Adaptable. Punctual. Committed. Perseverant. Creative. Simplify things to maximize understanding. Leadership by example. Team player. Inquisitive and open to other perspectives

A seasoned professional with over seven years of experience in project management and engineering, currently serving as Senior IT Project Manager at Efecty. Skilled in leading cross-functional teams to design and implement software solutions that align with business objectives, leveraging expertise in Agile methodologies, Scrum, and Jira. Driven by a commitment to delivering results, fostering collaboration, and ensuring efficient processes. At Efecty, collaborated with developers, designers, and QA specialists to deliver business-critical solutions, aligning software development with organizational goals. Previous experience includes leading large-scale industrial automation projects at Omnicon SA, where contributions enhanced system reliability and optimized operations. Passionate about driving innovation and operational efficiency through technology and teamwork.

Experience

Efecty

Senior IT Project Manager

October 2022 - Present (3 years 3 months)

Bogota, Colombia

Efecty is a leading Colombian financial services company that provides nationwide solutions for domestic and international money transfers, bill payments, and e-commerce cash payments through a network of over 9,000 service points. I was responsible for working closely with cross-functional teams to ensure the effective design and development of software solutions that meet business requirements. This involves understanding project objectives, defining project scope, and identifying key deliverables, as well as coordinating the efforts of developers, designers, and quality assurance specialists implementing Agile methodologies. Scrum Master and PM

Achievements:

- Lead three cross-functional teams in designing and developing software solutions for in-house Point of Service software, E-Wallet applications for iOS and Android, and microservices for the backend of these applications.
- Ensure timely execution through Agile methodologies such as Scrum to enhance the technological operation of over 10.000 branches nationwide with over 50M transactions and the digital product portfolio (E-Wallet, payment gateway, website) with over 10M transactions monthly with an uptime and availability KPI accomplishment of 99.99% monthly
- Lead the integration of identity profile service provider and managed user accounts through API services.

Omnicon SA

6 years 11 months

Account leader North zone

January 2021 - October 2022 (1 year 10 months)

Omnicon is a Colombian technology and industrial consulting company specializing in integrated manufacturing automation delivering tailored solutions in MES/MOM systems, data integration, industrial automation, and digital transformation. I managed the branch's program for large-scale industrial automation (Rockwell) projects for key clients adding 2M dollars in different industries, including Cerrejón (Coal mine), Ecopetrol (Oil & gas), and Nestlé (Food), using Scrum, PMI, and Kanban methodologies.

- Led the design and configuration of an industrial network for a coal mine plant, improving reliability and access between 40 devices (PLC's, VFD's, Remote IO's, FlexIO's, redundant servers)
- Directed the development of hive-style control systems for conveyor belts, achieving an 8% annual improvement in product handling processes.

Projects Engineer

December 2015 - December 2020 (5 years 1 month)

Leading and participant engineer in multidisciplinary projects in the industrial sector with components in different areas like low voltage electrics for industrial equipment, instrumentation, networking, automation and control. Making proposals for network architecture designs for industrial automation and digital transformation technologies. Design control strategies for the projects processes, establishing the most efficient and cost-effective alternatives. Times, supplies and technology estimation.

Achievements:

- Delivered 4 gas compressing station control system used in the national distribution system with an average of 100 I/O points.
- Managed migration from legacy systems to modern automation technologies, driving digital transformation (PLC5, MicroLogix, SLCs to ControlLogix or CompactLogix).
- Managed a lights project regarding the renewal of the luminaries of an agro-chemical plant on its production classified areas (Chemical reactors and warehouses for highly volatile products) to be replaced by 470 new industrial lamps
- Technical leader and startup of 4 gas compressing station used in the national distribution system.
- Part of the maintenance crew that improved the alarms system of a CPF in the Oil & Gas sector

DST

Projects Engineer

February 2012 - October 2015 (3 years 9 months)

DST specializes in the manufacturing and servicing of electronic components and consumer electronics. It provides tailored solutions in in-house designed electronic and software systems, technical support, and equipment maintenance. Responsible of design, budget creation, control and implementation of technology projects in the company using PMI standard. Acquisition and start-up of new technologies to be used in optimization and security related projects. Responsible for 24/7 monitoring and troubleshooting of assigned projects. VB and C# Programming in .net, SQL databases, C and assembler programming for microcontrollers

Achievements:

- ✓ Process standardization and documentation of prompt attention to system failures to be used by engineering and technician personnel, improving indicators measured by our clients.

- ✓ Design and implementation of an electronic device designed to improve the lifespan of turbochargers and other mechanical parts of mining heavy mobile equipment (Caterpillar 793) by governing the start of certain modules, lowering maintenance costs of an estimate of 2 million dollar/year
- ✓ Design and implementation of an automated fuel dispatch control system in a coal mine with a microcontrolled system build up from scratch with users control through an SQL database and web based online monitoring. Cost saving system that prevents fuel thefts and abolition of operator and supervising personnel.
- ✓ Cooling system automation for an electric generator in a container with a microcontrolled system with a self-diagnosis system that made almost every failure a fast solution failure.

Arq. Henry Tapias

Electrical Works supervisor

July 2009 - April 2011 (1 year 10 months)

Colombia

Supervision of electric, analog and digital telephonic internal infrastructure, closed circuit television and sound systems installation, electrical shielding with Franklin rods, grounding, substation assembly and preparation for a certification against electrical discharges risks.

Achievements:

- ✓ Technicians productivity growth through different strategies that include psychological motivation and monetary incentives within the given budget, lowering time for deliverables
- ✓ On time milestones and goals completion

Education

Conestoga College

Strategic Global Business Manager, Business Administration and Management, General · (April 2024 - December 2025)

Universidad del Norte

Engineering Project Manager specialization (postgraduation studies), Engineering · (2013 - 2014)

Universidad del Norte

Electronics engineer, Engineering · (2006 - 2012)

