

# EMILIO JAVIER ALVARADO PÉREZ

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Vina del Mar, Chile

## EXECUTIVE SUMMARY

Industrial Professional Engineer and Senior Project Manager with over 20 years of experience leading high-impact industrial projects in the chemical, metal-mechanical, and shipyard sectors. MBA and international certifications: PMP, RMP, Lean Six Sigma Black Belt, and TÜV Functional Safety. Strategic and results-oriented, with a proven track record in organizational transformation, managing project portfolios, and leading multicultural teams in South America and Europe. I am a specialist in integrating technical engineering management with business vision, driving innovation, agility, and cost efficiency. Passionate about mentoring and developing high-performance teams.

## PROFESSIONAL EXPERIENCE

**BASF Chile** | Chemical Industry | Chile

*Senior Industrial Project Manager | May 2017 – Present*

Leader of the industrial project portfolio for the local operation, managing strategic investments with an average budget of €3.2 million (approx. \$3.5M USD). Lead the continuous improvement initiative for South America, aligning regional Project Management guidelines with the company's global strategies.

- **Strategic Leadership & Transformation:** Spearheaded the cultural and organizational transformation of the Engineering Department by adopting agile methodologies and fostering a culture of transparency and cooperation. This initiative resulted in a 15% optimization in response time for engineering studies and project implementation, despite a workforce reduction.
- **Portfolio & Project Management:** Led the modernization of DCS control systems and automation at the Concon plant, with an investment exceeding €550,000 (approx. \$600K USD), preventing estimated losses of €60,000 (approx. \$65K USD) per day due to downtime and technological obsolescence. Currently directing the most significant digitalization project for BASF Chile, transitioning from manual control to ISA 88 Batch control.
- **Innovation & Digitalization:** Led the modernization of DCS control systems and automation at the Concon plant, with an investment exceeding €550,000 (approx. \$600K USD), preventing estimated losses of €60,000 (approx. \$65K USD) per day due to downtime and technological obsolescence. Currently directing the most significant digitalization project for BASF Chile, transitioning from manual control to ISA 88 Batch control.
- **Risk Management & Operational Continuity:** During the pandemic, led the renovation of a high-risk storage system, ensuring operational continuity and preventing estimated annual losses of 500 million Chilean pesos (approx. \$550K USD).
- **Mentorship & Talent Development:** Acts as a mentor for Project Managers in the South America region, focusing on their professional development and the quality of their services. Fosters a collaborative and highly participative work environment.

## **RENAULT** | Automotive Sector | Chile

### *Automation Specialist – Production Expansion Project | March 2015 – May 2017*

- Project lead for automation and electronics. Facilitated communication and coordination in English between multinational teams during an assignment in India, creating synergies and a multicultural understanding environment that was critical to the project's success.
- Proactively designed and implemented a wireless network for automation diagnostics, eliminating the need to halt production activities for maintenance tasks.

## **ASMAR Shipyards** | Naval Sector | Chile

### *Senior Electrical Control Specialist - Modernization Projects | April 2010 – March 2015*

- Voluntarily designed and implemented an automation programming laboratory, significantly increasing the technical capabilities and service capacity of the production unit.

## **Chilean Navy** | Defense Sector | Chile

### *Lead Electrical Control & Vessel Maintenance Specialist | January 2006 – March 2010*

- Led and unified a team of 7 specialists, fostering an environment of high participation and teamwork.
- Assumed interim department leadership during a critical contingency, ensuring the operational continuity of shipyard work.

## **EDUCATION**

- Master of Business Administration (MBA) with concentration in Project Management  
*Universidad Arturo Prat | Graduated with Highest Distinction | 2021*
- Bachelor's Degree in Industrial Engineering | Bachelor of Science in Engineering  
*Universidad Andres Bello | Graduated Summa Cum Laude | 2025*
- Bachelor's Degree in Industrial Control and Instrumentation Engineering  
*Universidad Tecnica Federico Santa Maria | Top Graduate of the Year | 2014*
- Associate Degree in Electromechanics  
*Academia Politecnica Naval | 2006*

## **CERTIFICATIONS & TECHNICAL SKILLS**

- Project Management Professional (PMP), Project Management Institute (PMI) | #2560767 | 2019
- Risk Management Professional (RMP), Project Management Institute (PMI) | #4288841 | 2026
- Lean Six Sigma Black Belt (LSSBB), Council for Six Sigma Certification | #ChHK6RbDqE | 2023
- Functional Safety Engineer (TÜV Rheinland) | 2020
- Postgraduate Diploma in Project Management, Universidad Adolfo Ibanez | 2017
- Postgraduate Diploma in Cybersecurity, DUOC UC | 2018
- Methodologies: PMI (PMP, RMP), Front End Loading (FEL), Agile/Scrum, Lean Six Sigma (Black Belt).
- Tools: MS Project, SAP (Z2L module), Office 365, Power BI, AI tools.
- Languages: Spanish (Native), English (Advanced – C1), Portuguese (Intermediate – B1).