



YOUNES HBID

PROJECT MANAGER - ENERGY - FINANCE - PROJECT DEVELOPMENT - I&C - AUTOMATION - ENGINEERING

31 years old

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Paris, France

PROFILE SUMMARY.

I am an experienced Instrumentation and Control (I&C) engineer whose journey from a technical engineer specialized in conception, design and testing of complex I&C automation technology needed for EPR nuclear reactor operational and safety I&C to project manager demonstrates my strong leadership abilities and technical adaptability in diverse environments. I have successfully managed projects across France, United Kingdom, Finland, Slovakia, and Germany, showcasing my capacity to lead teams and deliver results.

Rigorous, dynamic, and persevering, I am eager to expand my knowledge and embrace new challenges in the energy sector. My extensive experience in managing worldwide projects has equipped me with the skills to navigate technical challenges and drive innovation in new fields.

I am currently pursuing an Executive Master's degree at the *École Nationale des Ponts et Chaussées (ParisTech)*, ranked among the top schools worldwide. This program enables me to learn, develop, and apply new skills, complementing my experience and the expertise I have gained from my various technical and project management positions in the complex nuclear industry. Through this executive professional program, I am focusing particularly on the structuring of financing for energy projects and the associated development processes.

My goal is to leverage my project management expertise and technical knowledge to identify, evaluate, and mitigate risks, ensuring project profitability and viability. Additionally, I aim to design and implement robust organizational structures and systems that foster efficiency and effectiveness in achieving quality, cost, and timeline objectives within the energy industry, with a focus on wind, solar, and hydrogen production.

EXPERIENCES

FRAMATOME (EX AREVA NP)

PARIS, FRANCE

Project Manager – Safety I&C New Reactor Build

August 2024. – Today,

Project: HPC & SZC UK EPR for EDF Energy

- Preparing cost estimates, developing service schedules, analyzing risks and opportunities, drafting technical specifications for proposals, participating in validation committees, bid reviews, negotiating proposals with UK EDF Energy contractor.
- Assisting in project management for HPC, including internal and external reporting, risk analysis, and planning.
- Evaluating the relevance of adopting HPC EPR Safety I&C methods and tools at SZC EPR.
- Leading the collection, analysis, and sharing of HPC feedback for SZC.
- Analyzing the feasibility of continuing HPC procurement strategies at SZC.
- Contributing to the development of Safety I&C strategies for integrating commissioning site modifications within short engineering cycles until power plant operation.

- Contributing to the optimization of HPC and SZC Safety I&C processes and implementing the project closure strategy for HPC.

Protection System (PS) Technical Leader

January 2022 - July 2024

Project: HPC UK EPR for EDF Energy 

- Prepare PFRs, allocate budgets, plan V&V activities, and participate in budget decision-making.
- Manage progress in coordination with BU entities (P&S, Design Engineering, Commissioning, and Project Management).
- Control budgetary risks (SAP, JIRA) and planning risks (DEEM, MS Project), implementing necessary mitigation actions.
- Regularly report to the V&V manager, project management, and the customer (UK EDF Energy).
- Define test plan strategies for integration and validation tests of systems and their architecture.
- Ensure the application of V&V tools and methods within the department.
- Participate in cross-functional programs such as Operational Excellence, Systems Engineering applied to V&V, and Digital Transformation.

FRAMATOME GMBH (EX AREVA NP GMBH)

ERLANGEN, GERMANY

Test Bench Platform leader (as an expatriate)

March 2020 –December 2021

Project: HPC UK EPR for EDF Energy 

- Defining and implementing test utilities on the Test Bay to ensure robust and efficient testing procedures.
- Preparing, specifying, and configuring the Test Bay environment, encompassing both hardware and software components.
- Planning, sequencing, and executing system validation test specifications, ensuring thorough and meticulous results analysis.
- Creating and managing JIRA tickets for effective traceability of technical anomalies and ensuring timely resolutions.
- Regularly reporting testing activities to both internal teams and the customer, facilitating transparent communication and consistent updates.

AREVA – OL3 NUCLEAR PP SITE

RAUMA, FINLAND

I&C Nuclear Commissioning engineer on site (as an expatriate)

March 2019 –February 2020

Project: OL3 EPR in FINLAND for TVO 

- Define, coordinate and perform impact analyses of test coverage according to the respective open points (CRs/NCR/ICCR...).
- Plan, coordinate and support V&V activities on site, in Paris, Bratislava and Erlangen.
- Troubleshooting and execution of on-site tests (MCR, SU) resulting from the V&V and
- I&C commissioning impact assessments after V&V findings.
- Preparation and management of phases reviews in the V-cycle.

AREVA NP

PARIS, FRANCE

I&C Nuclear Functional Safety Test engineer in back-office

April 2018 – February 2019

- Specification, execution and reports generation of validation tests of the I&C system in platform simulator using automated test bench (SWAT).
- Verification of system HW& SW design documents (Technological & functional).
- Regular travel Paris-Bratislava to track activities related to V&V

Final year energy engineering intern 

April 2018 – February 2019

- Simulation and design of grounding and network lines under EFC-400 and AutogridPro
- Wiring and drawing the electrical diagrams of the I&C cabinets and MV-LV substations
- Set up a delestage protocol on CSS-OSTRAL, configuration and programming of sequences
- Low voltage regulation via LV / LV regulators, study of the system and drafting of commissioning protocols
- Programming and data acquisition from the LV / LV regulator to SCADA using WAGO

TRACTEBEL - ENGIE

PARIS, FRANCE

Electro-hydro-mechanical engineering intern 

- Automation of the control valves of a segment type dam
- Drafting of a functional analysis regarding the maneuvers of the control valves.

SKILLS, TOOLS & PLATFORMS

Energy business development skills:

Designing and conceptualizing energy projects / Financial structuration of an energy project and business model development / Managing the implementation of long-term energy projects in evolving contexts/ Leading the governance and teams of an energy project & Geopolitics / Capital market, investment consulting and advising.

Project management (Internal AREVA training program & certificates)

PM & PMC Advanced
Risk and opportunities
Management
Commercial & Contract management

MS project, Primavera, Power BI, OPEX visual management, Office 365

Technical environment:

Nucler system engineering, HW test bench, FPGA, I&C commissioning, Basic design, Automation architecture

Programming & Simulation:

Matlab, Simulink, SCADE, WAGO automation, Siemens, E3 series, AUTOCAD

Languages:

English, French and Arabic
Bilingual

STUDIES & CERTIFICATE

**Executive Program Management of Energy Projects & Finance**

2025

Professional Master's degree (Director of energy project, RNCP title)

**Business School - Change maker**

2022

GPM Certified

La Défense, France

Automation, Physics & System**Engineering Degree**

2014 - 2017

Paris, FRANCE