AMINE HARKATI

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in [Amine Harkati](#)

SUMMARY

I am a **Lead Process Engineer** at **FORVIA-Faurecia** with a strong background in project management. A graduate of **CentraleSupelec** since 2022, I recently earned my Executive Certificate in **Business and Corporate Strategy** from **HEC Paris**. I am now seeking a new opportunity to apply my technical and leadership skills to innovative, technical, and high-impact projects.

WORK EXPERIENCE

Lead Process Engineer, Forvia-Faurecia   Mar 2023 - Present (Paris)

Within the Tech Center, R&D division, I lead industrialization projects, overseeing the setup and commissioning of new production lines and industrial machines across multiple sites in Europe (FR, PT, PL, CZ). Some of my responsibilities include:
- Project management, drafting and validating functional and technical specifications : 6*M€ budget projects management*.
- Technology optimization and improvement (new technology, process automation, software, AI, IOT, etc.) : *5% performance upgrade*.
- Definition and monitoring of KPIs : audits, HSE, lean manufacturing and supply chain : 8 *green HSE Audit, got from 1st time*.
- Machines energy consumption improvement (deployment of sustainable industrial solutions) : *10% reduction in energy consumption*.
- Budget follow-up with PML and purchases (Capex/Opex) using SAP : *2% saving on the budget for 2024*.
- RFQ, suppliers follow-up and management (worldwide).
- Quality and Method Tools Knowledge (PDCA/5S/8D, JIT, MFMEA, etc.)

IT Project Pilot, RATP-Group   Dec 2022 - Feb 2023 (Paris)

Within the Digital and Industrial Systems Department, I managed the improvement of industrial tools and software, which includes:
- Drafting and validation of functional and technical specifications.
- Carrying out and costing of software development, testing, upgrades and fixes.
- Planning and validation of software production and maintenance activities.
- Reporting on projects progress and documentation of dev, automations, updates.

Industrial IT Project Pilot, Thales Alenia Space (internship engineer)   Mai 2022 - Nov 2022 (Cannes)

Within the AIT (Assembly, Integration, and Testing) satellite department, I developed an IT tool for the management and monitoring of satellite test equipment (EGSE : Electric Ground Support) used throughout the testing phases. I also deployed this tool in clean rooms for the operational teams.

Industrial Project Pilot, IMI Precision Engineering (internship)   Jul 2021 - Aug 2021 (Paris)

Within the Quality and Operational Excellence department, I led a project for the development and implementation of a One-Piece-Flow production line for high runners. This involved the collaboration of various departments within the company, including quality, production, and the design.

Assistant to the Director of Business Dev./Innovation, AJIME (internship)   Nov 2020 - Feb 2021 (Paris)

Assistance in launching the innovative project LEVIUS 4.0™ (LEarn from VIrtual Use), a solution dedicated to the Industry 4.0, which combines AI and Big Data by analyzing virtual usage through Serious Games and Digital Twins.

EDUCATION & CERTIFICATS

2023-present
- **Executive program** in **Business and Corporate Strategy** by **HEC Paris**
- Certificat: Robotics Programming (IRC5 / Robot studio) by **ABB**
- Certificat: Automation (TIA PORTAL / API S7-1500) by **SIEMENS**

2021-2022
- 3rd year at **CentraleSupélec (Paris-Saclay)** Major Mobile and Autonomous Communicating Systems & connected objects
- Project: Beamforming for satellite reception by **Safran Data Systems**
- Training: Navigation Systems (GNSS) **Safran Electronics & Defense**
- 3rd year at ECAM-EPMI specialization in **Mechatronics and Industrial Production** (MPI)

2019-2021
- 1st and 2nd year of generalist engineering at ECAM-EPMI
- Master's degree and Bachelor's degree in **Electronics, Electrical Energy and Automation** (EEA) at CY Cergy Paris University

2016-2019
- Preparatory class for high engineering university (MPSI – MP)
- Baccalaureate with a scientific option

SKILLS

- Project management / Strategy
- Adaptability / Leadership / Self-Motivation
- Industrialization / Industry 4.0
- Sustainable industry
- Lean manufacturing
- Robotics / Automation
- Mechanical / Electrical / Pneumatic
- Programming / CS / IT
- AI / Big-Data / AIOT
- Software architecture
- Pack Office
- Python / JAVA
- Git / JIRA / Bitbucket
- Angular / AdonisJS
- SQL / Mysql / HTML / CSS / JS

LANGUAGES & HOBBIES

- **English**: level C1 - Fluent
- **French**: bilingual
- Following industrials/politics news
- Learn about technology trends
- Traveling and discovering cultures
- Programming
- Photography
- Sports (running/handball/volleyball)