

AMINE HARKATI

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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 as project manager at **Safran Data Systems** 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 : *6M€ 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, supplier's 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** (engineering internship)

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 lead 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**
- Certificates: Robotics Programming (IRC5 / Robot studio) by **ABB** and Automation (TIA PORTAL / API S7-1500) by **SIEMENS**

2021-2022

- 3rd year of engineering at **Centralesupelec (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**
- Specialization at ECAM-EPMI in **Mechatronics and Industrial Production**

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

LANGUAGES & HOBBIES

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|------------------------------|---------------------------------------|----------------------------------------|
| ▪ English: level C1 - Fluent | ▪ Following industrials/politics news | ▪ Programming |
| ▪ French: bilingual | ▪ Learn about technology trends | ▪ Sports (running/handball/volleyball) |