

MATTHIEU DAYEN

Project Engineer – Available from December 2026

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Project Engineer in the United States, selected upon graduation to lead projects with major OEM customers, managing suppliers, costs, and timelines to drive performance and profitability. With a strong R&D background, I combine technical expertise in product development with hands-on project coordination. I have delivered multiple projects generating 6 to 7 figure revenues.

PROFESSIONAL EXPERIENCE

06/2025 – Now | Project Engineer – VIGNAL ABL | United States

Skills and responsibilities listed in previous experience also apply in this role

- Selected as the first and sole project engineer upon graduation to develop new projects in the US
- Managed technical RFQs and supplier selection, negotiating the customer requirements, and overseeing contract compliance
- Served as project interface with three major US OEM customers, ensuring clear project communication
- Managed supplier costs and timelines to stay within budget, meet deadlines, and improve efficiency and profit margins
- Maintained weekly direct contact with customers to ensure technical and project communication.
- Prepared and negotiated PCRs (Product Change Requests) to implement low-cost design changes.
- Supported TechDay presentations, helping the company win three new contracts with large US OEMs
- Managed 5 to 10 suppliers per project across components, prototypes, and engineering services, covering a total of 4 projects
- Sourced and selected ANSI-certified external laboratories to perform physical, chemical, and electrical testing
- Delivering 50 to 100k units/year per project, each generating 6 to 7 figure revenue

05/2022 – 05/2025 | R&D Engineering (Work & Study program) – VIGNAL | France

- Created and analyzed technical specifications to ensure proper component and product design
- Identified 3D design solutions to make plastic parts moldable, measurable, and cost-effective for metrology
- Utilized engineering analyses (FEA, tomography, rheology etc.) to ensure moldability and mechanical integrity of plastic parts
- Reviewed 2D drawings to verify ISO dimensioning and tolerancing, ensuring they were clear and measurable for metrology
- Created and reviewed product FMEAs to identify risks and assign critical dimensions and key characteristics to drawings
- Conducted process FMEAs and established tolerance chains to optimize components and guarantee assembly feasibility
- Researched, analyzed, and selected materials for components to meet mechanical, thermal, and environmental requirements
- Designed and machined fixtures in SolidWorks to allow parts to be tested under conditions simulating real-world use
- Prepared physical, chemical, and electrical tests to validate components against ISO, EN, NF, IEC, and ANSI standards
- Conducted PDCA (Plan-Do-Check-Act) problem-solving to address non-conformities detected during testing
- Coordinated with customers, suppliers, and internal teams to support smooth technical project execution
- Prepared and submitted PPAP (Production Part Approval Process) documentation to ensure parts met customer requirements
- Supported series launch and post-production follow-up (2 projects, ~40k units/year/project, six-figure revenue each)
- Assumed full responsibilities before graduation, reflecting strong trust and confidence from management

EDUCATION

2025 – ECAM LaSalle – Lyon, France – Engineering Degree, Industrial & Mechanical Engineering

(French engineering school with rigorous technical training, advanced project management skills, and leadership development)

2022 – Claude Bernard University Lyon 1 – France – Associate Degree, Mechanical Engineering & Manufacturing

(Renowned French university focused on advanced technical and engineering expertise)

2020 – Ecole La Mache – Lyon, France – High School Diploma, graduated with highest honors

(Technical high school with a specialized industrial sciences curriculum)

SKILLS & OTHERS

Technical: SolidWorks, MS Project, Microsoft Office, Photoshop

Languages: French (Native), English (Professional)

Projects: Investments (2025); E-commerce Sales (2024); Car Rental Business (2022)

Interests: New technologies, financial markets, entrepreneurship, sports & well-being, travel