



Informations

Phone number

Email address

harry.rakotobe@outlook.com

Mobility

France

B driver licence

Diplomas

2017 - 2019

Master's Design, calculation and manufacturing Mechanical with specialization in Aeronautical design

Université Paul Sabatier (UPS), Toulouse.

2014 - 2017

Bachelor's Aeronautical mechanical engineering

Université Paul Sabatier (UPS), Toulouse.

Skills

CAD/CAM : CATIA V5/V6,
Solidworks, AutoCAD, Creo

Simulation and FEA : Patran,
NASTRAN, Abaqus, Altair (
Hyperworks, Hypermesh, ...)

Programation : Python, C/C++,
VBA, Java, Matlab

Tools project : MS Project, Jira,
Azure, Git

Prototypage Rapide : additive
manufacturing 3D print,
machines tooling CNC

Composite Process Fabric

Languages

French - native

Anglais - advanced (TOEIC 880)

Spanish - notion

Harry RAKOTOBÉ

Business Manager / Business Developer

Mechanical engineer with some years of experience, I am currently enrolled in the MSIAI program at INSA Toulouse, ranked No. 1 by Eduniversal in technological and industrial management. Curious and adaptable, I aspire to support commercial relationships and strategic follow-ups for your clients who have engaged with the public sector.

● (In progress) "Mastère spécialisé en Ingénieur d'Affaires Industrielles (MSIAI)" - INSA TOULOUSE 09/2026 - 09/2027

- Combine technical expertise with strategic skills in international trade, accompanied by real-world experience in a "Mission Export."

Professional Experience

○ Design Engineer 03/2022 - 08/2024

SEGULATechnologies - Colomiers, France

- Manage the development of public lighting projects.
- Design and create digital models using CATIA (SAFRAN).
- Conduct numerical simulations for static, fatigue, and vibrational case analyses (Hypermesh and Abaqus) (ALSTOM).
- Assess the regulation and air pressurization valve systems for A320/A330 nacelles (Liebherr Aerospace).
- Participate in the validation phase of aerospace components, railway structures, and tooling assemblies.
- Write reports and deliver technical documentation.

○ Developer and software Engineer 03/2022

SOPRA STERIA - Colomiers, France

- Enhance the API of the PISTE digital platform managed by the AIFE ministry.
- Address incidents to harmonize the information system.

○ Ingénieur aérostructures R&T (Stage) 02/2019 - 07/2019

AIRBUS Atlantic (STELIA Aerospace) - Colomiers, France

- Study the preliminary project design of hypersustaining flap's thermoplastic composite in collaboration with BOMBARDIER and STELIA CANADA.
- Create digital models (DMU) in response to manufacturing innovations.
- Master the CPD-GRID composite mode in CATIA.

Extracurricular Experience and Project

○ Career Transition 09/2024 - 08/2025

Mobility- IndianOcean and Madagascar

- Family and personal endeavors, multicultural experiences, and a reevaluation of professional objectives.

○ Training : Web Developer with Java/Spring-Angular 11/2021 - 03/2022

AJC Ingénierie - Paris, France.

○ Assistant Manager 10/2020 - 11/2021

LIDL Supermarket- Toulouse, France

- Store management, team leadership, ensuring objectives, and maintaining customer service in a demanding context (COVID).

○ 2017 and 2018 champion of national contest "Pont composite" of SAM PE FRANCE 09/2017 - 08/2019

- Technical assistance in model fabrication and development.

○ Volunteer at the annual AirExpo air show in Muret, France. Depuis 2023