

Anas KANIT

Mechatronics Engineer



Profile

Enthusiastic and highly motivated Industrial Engineer with a strong foundation in mechatronic systems and automation. Experienced in implementing and managing complex projects, ensuring precision and quality in engineering solutions.



Work experience

2024
↑
2022

Mechatronics Engineering Apprentice

 **Sidel**, Oteville France.

- **Collaborated** with the industrial engineering service, focusing on the electrical team to optimize performance.
- **Developed** and implemented a mechatronic system that improved the balance of rotating machines, reducing operational downtime by 15%.
- **Designed** a web-based HMI using B&R Automation Studio, enhancing user interface and system control.
- **Led and managed** the industrialization of a modular assembly for PET bottle blowers, resulting in an increase in production efficiency.
- **Oversaw** all project phases from planning and coordination to execution, ensuring timely delivery and adherence to quality standards.
- **Ensured** effective cable management and seamless system integration, minimizing setup errors and maintenance issues.
- **Authored and published** comprehensive mounting procedures and Standard Operation Procedures (SOPs) for the workshop, facilitating smoother integration of the water table into machines.
- **Resolved** daily electrical and mechanical challenges in the workshop, maintaining smooth operations and minimizing downtime.

Aug 2022
↑
June 2022

Order Preparation Intern

MARCAL, La Rochelle France.

- **Conducted** product mounting, ensuring precision and quality.
- **Performed** quality control checks to maintain product standards.
- **Assisted** in palletization and packaging of finished products.



Education

2024
↑
2021

Master of Science in Industrial Engineering, Specialising in Mechatronic systems

EIGSI Engineering School, La Rochelle France

2022
↑
2019

Preparatory Classes, Instrumentation and Industrial Maintenance

INSAT Engineering school, Tunis Tunisia



Contact



Email

kanitanas0@gmail.com



Phone

+33 6 41 41 51 09



Address

84 Rue Aviateur Guérin
Le Havre, France



Portfolio: anas43kn.github.io/prtflio/



Skills

Computer-Aided Desing (CAD)

- Solidworks
- Catia 3DEXPERIENCE

Engineering and Simulation

- Multiphysics Simulation (COMSOL)
- Dynamic Systems Analysis (BONDGRAPH...)
- Control Systems Modeling (SIMULINK, LABVIEW)
- Statistical Analysis
- Experimental Design

Technical Documentation

- Solidworks Composer
- AutoCAD
- CATIA Composer

Programming

- C, Java, Matlab, Arduino, Python
- Visual Basic for Applications

Business Operations and Management

- SAP(Enterprise Resource Planning)
- Microsoft Project
- Task Tracking
- Risk Assessment

Industrial PLC programming

- B&R Automation Studio
- TwinCAT 3
- Codesys
- Siemens TIA Portal



Languages

English

Advanced(C1+)

French

Fluent(B2)

Arabic

Native