

## PROFESSIONAL EXPERIENCE

**MARTUR Fompak International – Mechanism Product Development Specialist (Full-Time);** Torino *December 2024 – Present*

- Contributed to the design and development of modular latch mechanisms, continuous/discontinuous recliners, and manual swivels for automotive seat systems
- Supported the 4S Smart Seat project funded by the Italian government, integrating intelligent safety and health monitoring features
- Performed mechanical design and drafting (GD&T) of car seat mechanisms by using CATIA V5, contributing to product development and production processes
- Conducted tolerance stack-up analysis to ensure functional performance and dimensional compliance of seat mechanism
- Developed assembly procedures for automotive seat mechanisms, ensuring efficient and repeatable manufacturing processes
- Carried out structural analysis using CATIA V5 FEA (GAE & ANL) and conducted motion behavior validation through DMU Kinematics to ensure design feasibility of seat mechanisms
- Prepared Bills of Materials (BOM) and conducted cost and schedule analyses in MS Project, optimized project timeframes and expenses
- Coordinated with suppliers to track production timelines and ensure alignment with project milestones

**MARTUR Fompak International – Manufacturing Specialist (Internship);** Torino *August 2022 – October 2022*

- Contributed to the streamlining of manufacturing processes on the FIAT 500e assembly line, gaining first-hand experience with cutting-edge manufacturing practices in a Tier 1 supplier to Stellantis, Renault, Volkswagen, and Ford
- Collaborated with production engineers and other team members to conduct root cause analysis of identified defects
- Monitored real-time production operations, identifying process inefficiencies and proactively flagging risks to minimize downtime
- Executed quality control inspections (color, weight, bending), ensuring adherence to strict OEM specifications and maintaining consistent product quality

## EDUCATION

**Politecnico di Torino – Master of Science in Engineering and Management (Dropped-Out);** Torino *September 2023 – March 2024*

*Relevant Coursework: Financial Modeling; Corporate Finance, Corporate Governance and Finance; Organization & Management; Information Systems; Project Management*

**Politecnico di Torino – Bachelor of Science in Mechanical Engineering (Completed);** Torino *September 2019 – September 2023*

*Relevant Coursework: Machine Design; Engineering Drawing; Thermal and Hydraulic Machines & Fluid Power; Strength of Materials; Manufacturing Processes; Technology of Materials & Technology of Metallic Materials*  
*Internship: Manufacturing Internship, MARTUR Fompak International - October 2022*  
*Thesis: Supplier Quality and Evaluation Techniques*

## SKILLS & CERTIFICATIONS

Programs: CATIA V5 (DMU Kinematics, GAE, ANL-Abaqus), SolidWorks, Python, Microsoft Office, MS Project

Certifications: McKinsey Forward, Career Essentials in Project Management by Microsoft

### Language Skills

- English, Advanced (C1-CEFR)
- Turkish, Native (C2-CEFR)

