

Via San Paolo, 44
Torino, Italy

DOĞU EKİN ERGÜL

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EDUCATION

Politecnico di Torino – *Bachelor of Science in Mechanical Engineering*; 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

PROFESSIONAL EXPERIENCE

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

September 2024 – Present

The company, being one of the biggest Automotive Seat and Internal Trim parts producer in Turkey, has around € 1 billion revenue and workforce of 8.000+ in Turkey/Romania/Italy/Morocco/Algeria/Germany/France. Supplier of Fiat, Renault, Ford, Volkswagen, Audi, Toyota, Citroen and Peugeot.

- Being a part of the product development and production process of the modular latch mechanism, continuous & discontinuous recliner and manual swivel for car seat
- Supported 4S-Smart Seat Development project funded by the Italian government
- Performed mechanical design and drafting of car seat mechanisms by using CATIA V5, contributing to product development and production processes
- Performed structural analysis using CATIA V5 FEA (GAE & ANL) and conducted motion behaviour validation through DMU Kinematics to ensure design feasibility of seat mechanisms
- Prepared Bill of Materials (BOM) and managed cost and scheduling analysis using MS Project for the Modular Latch project, focusing on cost and time optimization
- Following up with suppliers to ensure production goals are met

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

Hezarfen Space – *Mechanical Design Engineer*; (Remote)

June 2019 – March 2021

- Designed aerospace components using SolidWorks, interpreting difficult specifications and translating them into accurate three-dimensional representations and blueprints. Translated technical illustrations to meet aerospace standards. Collaborated with other teams to combine mechanical systems into finished assemblies.

SKILLS & CERTIFICATIONS

Programs: Catia V5 (DMU Kinematics, GAE, ANL), 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)

