

HINFIENE PAGOU

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📍 Home: kahramankazan dagyaka mahallesi, 06980 Ankara (Türkiye)

WORK EXPERIENCE

Mechanical engineer

AmbulanceMed EOW GmbH- Ambulance & Mobile Health Vehicle Manufacturer [05/2023 – Current]

City: Ankara

Country: Türkiye

- Developing 3D models by using SolidWorks for designing ambulances and expandable mobile clinic frames and inner particles
- Using AutoCAD for 3D and 2D designs for CNC and laser machining purposes
- Using Blender and 3DS Max to develop product visualizations that allow our clients to see how their products will look before they are manufactured
- Analyzing the mechanical behavior of the expandable mobile clinic frame structures by using Ansys
- Material selection and ensuring the designs adhere to established healthcare standards
- Assisting customers in making their orders by asking open-ended questions to determine each customer's needs.
- Provide technical support and liaise between internal field support and workshop staff in all facets of design and execution
- Maintaining excellent client service through project delivery, ensuring strong communication with clients, listening to the client, and making the designs of the project as required
- Assist the technicians in order to provide technical services to customers in French and English-speaking countries
- Offered professional answers and advice to curious clients encouraging them to schedule a visit to the showroom

Junior Mechanical Engineer

ÖZERMET MAKINA& MÜHENDISLIK (NUT AND WALNUT PROCESSING EQUIPMENT MANUFACTURER) [07/2022 – 03/2023]

City: Gaziantep

Country: Türkiye

- Developed 3D models and 2D drawings using SolidWorks, AutoCAD
- Collaborated with senior engineers on improving existing machines, developing, and creating new products.
- Performed and reviewed fundamental calculations to ensure designs are "well-engineered". Examples are gear and centrifugal fan calculations, power transmission component design, and sizing.
- Worked with Mechanical Engineering Manager and Team Leader in product design and participate in targeted design programs including new product development, value engineering, and design for manufacturing.
- Reviewed designs to ensure they adhere to established standards
- Working on production line facility plan establishment
- Assisted senior engineer in testing newly designed prototype machines
- Provided technical advisory services to clients for specific projects
- Maintained excellent client service through project delivery, ensuring strong communication with clients, and acting on client feedback
- Bridged the gap between technical and business aspects of a product/service
- Spearheaded the prospecting of new customers through referrals from existing clients and sales phone calls.
- Assisted customers in making their orders by asking open-ended questions to determine each customer's needs.
- Offered professional answers and advice to curious clients encouraging them to schedule a visit to the showroom

Mechanical Engineer Intern

ÖZERMET MAKINA& MÜHENDISLIK (NUT AND WALNUT PROCESSING EQUIPMENT MANUFACTURER) [

06/2021 – 01/2022]

City: Gaziantep

Country: Türkiye

- Worked on multiple machining processes such as lathe, milling, turning, angle grinders, welding, cutting, and drilling machines.
- assisted technicians in machine assembling and machines maintenance
- Technical drawing, cutting, and processing materials inspection
- Assisted Senior Mechanical Engineers with various tasks such as CAD designs, Analysis.
- Designed mechanical parts, collaborated with senior engineers on improving existing machines, and developed new machines.

Factory Worker

FOGA COMPANY (PLASTIC AND MOLD MANUFACTURING) [07/2020 – 11/2020]

City: Istanbul

Country: Türkiye

- Worked on feeding PVC raw materials into plastic molding machinery
- Responsible for assembling goods on production lines, and monitoring the process
- Packaging goods

EDUCATION AND TRAINING

Msc Mechanical Engineering

Karabuk University [02/2023 – Current]

City: Karabuk

Country: Türkiye

Website: <https://www.karabuk.edu.tr/en/>

Bachelor Degree/ Aviation Management

[10/2020 – Current]

City: Eskişehir

Country: Türkiye

Website: <https://aosogrenci.anadolu.edu.tr/>

Bachelor Degree/ Mechanical Engineering

Karabuk University [09/2018 – 09/2022]

City: Karabuk

Country: Türkiye

Website: <https://www.karabuk.edu.tr/en/>

LANGUAGE SKILLS

Mother tongue(s): **French**

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Turkish

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office / AutoCAD(ADVANCED) / SOLIDWORKS (Advanced) / • FEA & CFD simulation knowledge (In SolidWorks and Ansys) / Free-CAD (Basic) / Open-Rocket Simulation (Advanced) / Outlook / CNC Programming / CATIA v5 (Good) / good commands of ANSYS / CorelCAD(Advanced) / 3DS Max(Advanced) / Blender

PROJECTS

Rocket Design(Teknofest Competition)

[01/2022 – 05/2022]

The project was to design a rocket that will be launched and has to reach 3.2 km apogee and release the payload to take some atmospheric information, and the body of the rocket will be carried by the parachute to the ground.

Unmanned Aerial Vehicle Body Design(Personal project)

Wind Turbine Blade Design(Graduation Project)

[02/2022 – 06/2022]

HOBBIES AND INTERESTS

Soccer playing, Reading, Gym, Traveling

ACQUIRED COMPETENCIES

Competencies and Skills

- Demonstrated excellent organizational skills
 - Sales Strategy Implementation
 - Excellent command of written and communication skills (English, French, Turkish)
 - Team player, Dynamic and Dedicated
 - Strong problem-solving and critical-thinking skills
 - Demonstrate effective organizational skills, handling multiple tasks both independently and in a team environment
 - Possess designing skills and demonstrate advanced level in 2D and 3D designs using AutoCAD and SolidWorks, Blender, 3DS max and CorelCAD
 - Comprehensive knowledge of GD&T techniques
 - Possess FEA & CFD analyzing skills using Ansys and SolidWorks software.
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