



JAD RESID

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Home: DENIZLI, 20000 Denizli (Türkiye)

ABOUT ME

I am a driven mechanical engineer with specialized expertise in product development, problem-solving, and project management. Fluent in Arabic, English, and Turkish,

I have mastered advanced engineering software including Inventor, Solidworks, and Autocad. Throughout my career, I have successfully led complex projects, managed client relationships, and provided high-level technical support while adhering to rigorous standards of precision and accountability. My background in research and development (R&D) has enabled me to contribute to innovative projects, guiding teams in the design and optimization of engineering processes.

Additionally, my proficiency in C++ and C# allows me to tackle engineering challenges with a creative and analytical approach. I bring a meticulous attention to detail and a commitment to excellence in every project. I look forward to applying my technical expertise and leadership experience to support the success of forward-thinking, R&D-driven teams within your organization.

WORK EXPERIENCE

Sales and project Leader

Plusmak Makina San. Ve Tic. Ltd. Sti. [01/2022 – 10/2024]

City: Denizli | Country: Türkiye

In my position as a Sales and Project Leader, I have significant responsibilities in managing customer relationships, providing technical support, and ensuring the successful completion of projects. I understand the technical needs of customers, offering them suitable solutions and technical assistance.

I promote our products and services through customer visits and technical presentations. I develop and implement strategies to achieve sales targets. I contribute to the preparation of marketing materials and technical documents by making proposals and pricing work for potential customers.

I ensure the planning, management, and timely completion of projects, coordinating project teams, distributing tasks, and monitoring processes. I regularly report project progress and share it with relevant stakeholders. I conduct cost estimations and proposal work according to customer requests, identifying efficiency and improvement opportunities through cost-benefit analyses.

I actively participate in the development, testing, and improvement of production processes for new products and solutions. I ensure that products are adapted to meet customer requirements. The experiences I have gained in this position help me enhance my technical knowledge and skills and develop strong competencies in sales and project management.

Project & Design engineer

Plusmak Makine San. ve Tic. Ltd. Şti. [08/2021 – 07/2022]

City: Denizli | Country: Türkiye

As a Design & Project mechanical engineer, I have a proven track record of success in designing, implementing, and refining product development, testing, and manufacturing processes. I have successfully managed teams of

engineering and technical personnel, assigning tasks and leading teams in the development of new products, solutions, and processes.

In addition, I have a strong ability to serve customers by identifying their needs and engineering adaptations of products and equipment.

I have also demonstrated proficiency in providing technical support and engineering information by answering questions and requests from customers, as well as preparing cost estimates by studying all related customer documents and consulting with other professionals. Furthermore, I have a talent for identifying opportunities for improvement by analyzing cost-benefit ratios of equipment, supplies, and service applications in the customer environment and proposing changes in equipment, processes, or the use of materials or services as needed.

Intern Mechanical engineer

Ayha Asansör Mak. İnş. San. ve Tic. Ltd. Şti. [05/2020 – 09/2020]

City: Denizli | Country: Türkiye

As an Intern mechanical engineer, I have gained valuable experience in preparing calculations and reports, working with engineering systems, and integrating tracking plans.

I have also performed thorough analyses of mechanical design choices and assisted with the testing of products. In addition, I have had the opportunity to interact with various members of project teams and create or modify CAD models.

Through these experiences, I have developed strong skills and knowledge in the field of mechanical engineering.

Intern Mechanical Engineer

Plusmak Makine San. ve Tic. Ltd. Şti. [06/2021 – 08/2021]

City: Denizli | Country: Türkiye

As a Mechanical Engineering Intern, I gained hands-on experience in product design and development, collaborating with engineers to prepare technical documentation and CAD models.

I assisted in testing prototypes and analyzing mechanical systems, providing insights that contributed to design improvements. My role involved engaging with project teams and gathering customer feedback to adapt solutions to their needs.

These experiences have strengthened my skills and understanding in mechanical engineering, preparing me for future challenges in the field.

PROJECTS

Nailer - TUBITAK Project No:3215023 The goal of our R&D project was to design and manufacture a fully automatic attaching machine for wood reel closing in the cable manufacturing industry. Wood reels are used to hold and transport large spools of cable, and the attaching machine is responsible for securely fastening the ends of the wood reels to keep the spools in place.

Our team began by conducting extensive market research to understand the needs and challenges of cable manufacturers. We identified a number of pain points with existing attaching machines, including slow speed, low accuracy, and frequent maintenance requirements. Based on this research, we developed a list of design requirements and began the process of designing and prototyping our machine.

To ensure that our machine would be fast, accurate, and reliable, we employed a number of advanced technologies and techniques. These included the use of servo motors for precise control, high-quality sensors for accurate positioning, and robust mechanical components for durability. We also paid close attention to ergonomics, designing the machine to be easy to use and maintain.

After several iterations and testing, we were able to successfully manufacture a fully automatic attaching machine that met all of our design requirements. The machine was able to attach wood reels at a speed of up to [X] per minute, with an accuracy of [Y]mm. It also required minimal maintenance, with an expected lifespan of [Z] years.

Overall, our R&D project was a success and we are confident that our fully automatic attaching machine will be a valuable addition to the cable manufacturing industry. We believe that it has the potential to significantly improve efficiency and reduce costs for manufacturers, while also improving the safety and working conditions of their employeesn...

EDUCATION AND TRAINING

BUSINESS (MASTER) (non-thesis) (ENGLISH) (DISTANCE EDUCATION)

ATATURK UNIVERSITY [01/09/2021 – Current]

City: Erzurum | Country: Türkiye | Website: <https://www.atauni.edu.tr/>

Mechanical engineering

Pamukkale University [09/2015 – 08/2021]

City: Denizli | Country: Türkiye | Website: pau.edu.tr

THESIS

[05/2021]

Geothermal Power Plant

A geothermal power plant is a facility that generates electricity by harnessing the Earth's internal heat. It works by drilling deep into the ground to access hot water and steam, which are then used to generate electricity through a turbine.

Geothermal power plants are a reliable and renewable energy source that can operate around the clock, making them a valuable addition to the energy mix. They have a small environmental footprint and do not produce greenhouse gases or other pollutants.

However, geothermal power plants can be expensive to build and require a significant upfront investment, and the availability of suitable sites is limited. Despite these challenges, geothermal energy has the potential to play a significant role in the transition to a low-carbon, sustainable energy future.

Supervisor of the Study: Assoc. Dr. Okyar KAYA

[12/2020]

Mechanical Installation Design for shopping Mall

Mechanical installation design is a crucial aspect of the construction and operation of a shopping mall. It involves the planning and implementation of the mechanical systems that support the mall's functions, including heating, ventilation, air conditioning (HVAC), plumbing, and fire protection.

These systems must be designed and installed in a way that meets the needs of the mall's occupants and ensures the safety and comfort of shoppers and employees.

The mechanical installation design process involves considering factors such as the size and layout of the mall, the types of stores and amenities it will contain, and the local climate. It also involves coordinating with other trades and professionals to ensure that the mechanical systems are integrated seamlessly into the overall design of the mall.

A well-designed mechanical installation is essential for the success and long-term operation of a shopping mall.

Supervisor of the Study: Prof. Dr. Harun Kemal ÖZTÜRK

NETWORKS AND MEMBERSHIPS

[16/09/2021 – 17/09/2024] T.R. DENIZLI GOVERNORSHIP PROVINCIAL HEALTH DIRECTORATE

FIRST AID As a certified first aid provider, I have the skills and knowledge to effectively and timely provide assistance in emergency and non-emergency situations. In a comprehensive first aid course, I learned how to identify and assess the severity of injuries, use CPR and AED, and provide basic first aid for common injuries such as cuts, bruises, burns, and fractures.

I also gained valuable knowledge about more serious conditions such as heart attacks, strokes, and allergic reactions, and learned how to respond appropriately in these situations.

[19/08/2021 – 19/08/2026] Denizli

Chamber of Mechanical Engineers The organization offers various resources and services to its members, including opportunities for professional development, access to technical resources and publications, and representation at the national and international levels.

It also sets standards for the application of mechanical engineering and ensures that members adhere to these standards.

REGISTRATION NUMBER: 129064

DIGITAL SKILLS

Programming

C++ / C / Scratch / Arduino / C#

Engineering

AUTODESK INVENTOR / Solidworks / EES / AUTOCAD / MSC Adams / REVIT / SPSS STATISTICS / MATLAB / Ansys Workbench, Ansys Fluent

General

MS OFFICE / Adobe Premiere Pro / Photoshop / WordPress

CONFERENCES AND SEMINARS

UDEMY

CATIA V5 : Part Design

UDEMY

Solidcam CAD CAM ve CNC Progamlama Başlangıç

UDEMY

Learn Matlab and Simulink

UDEMY

HAP Simple Project

UDEMY

Tasarım Mantığı ile Solidworks Eğitimi

UDEMY

AVM Mekanik Tesisat Tasarımı

UDEMY

REVİT MEP MEKANİK

UDEMY

Sıfırdan Konutlar İçin Mekanik Tesisat Proje Tasarım &Çizimi

UDEMY

REVİT MEP Tips

UDEMY

REVİT MEP 2020 Basics

DRIVING LICENCE

Driving Licence: B

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s):

Türkçe

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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

HOBBIES AND INTERESTS

Technology Enthusiast with a Passion for Learning and Innovation In my leisure time, I enjoy learning about and staying up to date with the latest developments in technology. This includes reading articles and watching videos online, participating in online courses and workshops, and tinkering with new gadgets and software.

I am passionate about staying current in this rapidly evolving field and believe that my curiosity and love for learning have helped me to develop valuable skills and knowledge that I can apply in my professional life.

In addition to learning about technology, I also enjoy using it to pursue other hobbies and interests. For example, I am an avid gamer and enjoy spending time playing a variety of video games. I am also interested in music and use technology to create and share my own compositions.

Finally, I am a big fan of social media and use it to connect with friends and family, share my thoughts and experiences, and stay informed about the world around me.

Overall, my hobbies and interests in technology have allowed me to develop a range of skills and knowledge that I believe would be valuable in a professional setting.

VOLUNTEERING

DENIZLI

Give me your hand brother As a member of the Denizli Youth Center, I have had the privilege of participating in various volunteering activities aimed at promoting social integration and adaptation for Syrian children in our city.

These efforts have focused on fostering a sense of community and brotherhood among these children, and have included a variety of activities such as organizing events and providing support and assistance.

Through my involvement in these initiatives, I have had the opportunity to make a meaningful difference in the lives of these children and contribute to their well-being.

I am grateful for the opportunity to serve my community in this way and believe that my volunteer work has been an invaluable asset to the Denizli Youth Center and the children we serve.