PROFILE

I am a mechanical engineer with field experience in production and maintenance processes. I actively participate in fault analysis, root cause studies, and planned/preventive maintenance activities to ensure the continuity of production lines, increase equipment efficiency, and minimize downtime.

I adopt an analytical and systematic approach to improving production processes, developing efficiency-enhancing applications, and creating lasting solutions to technical problems. I effectively use CAD/CAM software in production-supported technical analysis and improvement studies.

I have a disciplined, detail-oriented work ethic and adherence to technical standards. I aim to provide added value in production and maintenance-oriented industrial structures where continuity, reliability, and operational excellence are critical.

COMMUNICATION

TELEPHONE:
05414610405

E-MAIL:
a-peynir@hotmail.com

DRİVİNG LİCENCE
B

HOBBIES

Watching drawing programs
Kickboxing
Taekwondo
Swimming .

ABDULLAH PEYNİR

MECHANİCAL ENGİNEER

EDUCATION

Technical University of America
2025 - Master's Degree in Mechanical Engineer

Technical University of America
2023 - Mechanical Engineer
3,26 Graduation average

Eastern Mediterranean University
2015~2019 Mechanical Engineer
2,50 Graduation average

Yozgat Bozok University
2008~2010 Machine Technician

WORK EXPERIENCE

Sampa Automotive | Mechanical Engineer
2021 Beginning
In the automotive parts manufacturing industry, I effectively manage a wide range of responsibilities encompassing production engineering, maintenance and repair process management, purchasing activities, and the management of an operations team of approximately 200 people. I actively participate in technical processes such as production line efficiency analyses, process optimization, cycle time improvements, implementation of TPM-focused maintenance strategies, and root cause failure analyses (RCA, 5Why, Fishbone).

I successfully carried out the process tracking and responsibility of installing a more ergonomic coating facility consisting of 78 baths in place of the coating facility located in the Zinc-Nickel coating section.

In quality control activities, I conduct measurement, verification, and process quality assurance activities to ensure compliance with customer standards, OEM requirements, and the IATF 16949 quality system. Focusing on lean manufacturing, I support production site continuity and operational excellence through 5S, Kaizen, Poka-Yoke, VSM, and standardization efforts.

I provide engineering support for new product launch projects (PPAP, APQP, FMEA, MSA, SPC), ensuring process stability during both prototype and mass production transitions. I systematically manage the creation and updating of technical documentation, operating instructions, workflows, and control plans.

I provide technical coordination support during factory visits for foreign customers, organizing professional demonstrations of production lines, quality processes, warehouse and logistics areas, and all relevant engineering departments. I actively manage the entire process to ensure accurate analysis of customer needs, clear technical expectations, and foster trustworthy engineering communication in the field.

In all my roles, I manage teams with a transparent leadership approach and adopt an engineering approach based on operational efficiency, cost reduction, process reliability, and continuous improvement in quality performance.

Northernland Construction | Mechanical Engineer
2017 – 2021
Maintenance, repair and management of mechanical systems (HVAC, fire protection, plumbing) in large-scale residential and hotel projects.

Zafer Engineering | Intern Mechanical Engineer
2014-2017
Involved in mechanical installation projects, including drawing, quantity takeoff, and cost estimation.

Career goal

With over 12 years of professional experience as a Mechanical Engineer, I have actively contributed to various areas including project management, production, planning, and quality methodologies. Throughout my career, I have worked across different sectors—ranging from construction to automotive—where I gained hands-on experience in technical design, process development, risk analysis, and system optimization.

In my current role at Sampa Automotive, I am deeply involved in production engineering and quality systems, working closely with APQP, PPAP, FMEA, and control plan documentation. My role requires high attention to detail, interdisciplinary coordination, and continuous process improvement—all of which are critical to the standards of the defense industry.

Previously, I have taken part in large-scale infrastructure and mechanical installation projects, where I managed mechanical systems (HVAC, fire protection, sanitary) and coordinated field applications from concept to commissioning. My technical competence is supported by proficiency in engineering software tools and a strong foundation in technical documentation and reporting.

Having acquired a solid foundation in engineering principles, project lifecycle management, and quality assurance systems, I am eager to transfer and further develop my skills within the defense industry, which I view as a strategically important and technologically advanced field. I am particularly motivated by the opportunity to contribute to projects that prioritize national development, innovation, and long-term engineering excellence.

I would welcome the chance to further discuss how my background and competencies can align with the goals of your organization. Thank you for your consideration.

Professional Area of Interest

As a mechanical engineer, I have a strong interest in technologies related to the defense industry. Topics such as missile system design, range calculations, and aerodynamic structures continuously fuel my engineering curiosity. In line with this interest, I actively conduct research and work to expand my knowledge on the efficiency of hydraulic systems, impact resistance, and structural integrity of defense vehicles.
Furthermore, I aim to apply my expertise in materials science, strength analysis, and manufacturing technologies to meet the high safety and durability standards required in the defense sector. Working in this field represents both a valuable opportunity to advance my professional knowledge and a meaningful way to contribute to the development of national defense technologies.

Certificates

- April 2011 / Ankara University Tomer Language Course. Certificate of achievement
- September 2 - May 2013 / Aselsan participation certificate
- September 16 / Siemens Volvo. Certificate of participation
- April 2013 / My career. Certificate of participation
- June 2014 / Ict-Cyber Security Conference. Certificate of participation.
- April 2023 / CATİA V5 Beginner to Advanced Automotive and Industriel .
- April 2023 / CFD of External aerodynamics and Turbomachinery certificate.
- December 3 / Aerospace engineering: Rocket science and engineering .
- December 10 / Aerospace engineering: Aircraft systems and Avionic20.
- December 27 / Flow of fluids through piping systems , valves and pumps.
- January 2 / Product development& Systems Enginneering INCOSE/15288.
- January 10 / Plumbing: Chilled Water System- Desing,Calculation,Faults.
- January 19 / Rotating Equipment Masterclass: Pumps& Compressors.
- February 11 / Gas Turbine Engine Compressor Blade Design in Siemens NX.
- February 25 / PPAP (Production Part Approval Process)
- Marc 16 / Distilation columns : Principles Operation & Design.
- Aprıi29 / Production Planning and Control PPC.
- May 8 / Perceived Quality in the Automotive Industry.
- May 26 / HVAC Chiller System & HVAC CHW Flow Rate Design Calculation.
- June 14 / Tolerance stack ups for mechanical engineers with six-sigma.
- December 26 / AS 9100 Aerospace Quality Management Systems Certificate
- June 27 / IATF 16949 & Core Tools Auditor Certificate (APQP , PPAP , FMEA , SPC and MSA)
- June 12 / ISO 17025 Auditor Certificate
- National Competence Initiative Training
- Counter-Intelligence Training
- Gas Turbine Basic System Design
- Verification and Validation Training
- Engine Materials and Special Processes
- Piston Engines in Aviation
- Engine Assembly Capabilities and Quality Processes

Foreign language

English - Level C2 Spanish - Level A2

Computer Knowledge

Microsoft Office (Word, Excel etc.) - Advanced
SAP - Advanced
Autocad – Advanced
Solidworks - Advanced
Cadcam - İntermediate

References:

Yılmaz CEVHER (ROKETSAN Donanım-Tasarım Müdürü) 05424147474 firat.cevher@roketsan.com.tr

Turan KÖSE (Hava Kuvvetleri Mensubu) 05359880268 tkose05@hotmail.com

Fatih Taşçı (MAN Türkiye Mühendis) 0554 874 30 58 fatih.tasci@man.eu