



Ali Kaan NAR

MECHANICAL ENGINEER



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alikaannar@outlook.com



Ali Kaan NAR



Izmir, Turkey

Education

Mechanical Engineering

Sep 2019- Sep 2024

Dokuz Eylul University

Master of Science

Theory and Dynamics of Machinery

Feb 2025- Feb 2027

Dokuz Eylul University

Skills

- **3D Modeling in Solidworks CAD**
 - Body
 - Sheet Metal
- **Doing Simulation in Solidworks**
 - Static
 - Frequency
 - Buckling
- **3D Modeling in Siemens NX CAD**
 - Body
 - Surface
- **3D Modeling in ANSYS SpaceClaim**
- **Doing Structural Simulations in ANSYS Workbench**
 - Static Structural
 - Steady State Thermal
 - Eigenvalue Buckling
 - Modal
 - Harmonic Response
 - Response Spectrum
 - Random Vibration
 - Transient Structural
 - Explicit Dynamics
 - Rigid Body Dynamics
- **3D Modeling in Creo Parametric**
 - Body
 - Sheet Metal

ABOUT ME

I am a just graduate mechanical engineer with a passion for solving and designing solutions for different problems. Good at working and collaborating with team members. I am ready to utilize my skills and passion to pursue my dream to work as a Mechanical Design and Structural Analysis engineer.

Experience

CMS Light Alloy Wheels San. A.S.

- Mechanical Engineer
2025-2026

Volkan Firefighting Vehicles San. ve Tic. A.S.

- R&D Intern
2024-2024
- **Bozkurt UAV**
 - Mechanical Team Leader
2024-2024

Senkaya Celik Dokum San. ve Tic. A.S.

- Casting Intern
2023-2023
- Machining Intern
2023-2023

References

Ali Köse- Maintenance and Energy Manager

CMS Light Alloy Wheels San. A.S.
Izmir,Turkey

(Available upon request)

Reha Özcan- Aerial Rescue Vehicles Product Manager

Volkan Firefighting Vehicles San. Ve Tic. A.S.
Izmir,Turkey

(Available upon request)

Mustafa Kemal Aktürk- Mechanical Design Engineer

ASELSAN
Ankara,Turkey

(Available upon request)

Projects

MBD Analysis of A Nose Landing Gear

- I participated CAE Projects Competition of "Bias Mühendislik" with my project.
- I worked with Adams View and PTC Creo for MBD Analysis and design of the assembly.
2024-2024



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Izmir, Turkey

- **Doing RBD Simulations in Adams View**
- **Doing Structural Simulations in MSC Apex**
-Static Structural
- **Creating 2D Drawings in Draftsight**
- **Creating 2D and 3D Technical Illustrations in Creo Illustrate**

Languages

- **English**
-Professional Working Proficiency
- **German**
-Beginner
- **Turkish**
-Native Language

Hobbies and Interests

- I actively participated in the Theater Community DEMO as Lead Manager of Touring and Organization Team for two years.
- I performed at DEU Spring Fest with my band as the bass player.
- I actively do fitness for three years.

Design of an Industrial Manipulator

- I worked on Design and Analysis
 - I worked with Solidworks for modeling parts and simulation of Frequency and Static
- 2023-2024

Analysis and Development of a Car Jack Mechanism

- I worked on Analysis of project components
 - I worked with Ansys workbench for Fatigue and Structural Analysis
- 2023-2023

Multidisciplinary Design and Optimization of a Multi-Axle Steering System of a Special Purpose Semi-Trailer

- I worked on Analysis of project components
 - I worked with Ansys Workbench for Structural and Buckling Analysis of components
- 2022-2023

Certification And Courses

Solidworks CSWA

- Dassault Systèmes
- June 2025

Mechanical System Simulation with Adams View

- Bias Mühendislik
- Aug 2024

Introduction to FEA With MSC Apex

- Bias Mühendislik
- July 2024

Introduction to ANSYS Mechanical

- Numesys
- Mar 2024

Introduction to Geometric Dimensioning and Tolerancing

- LinkedIn Learning
- Feb 2024

Solidworks: Sheet Metal Design

- LinkedIn Learning
- Jan 2024

Topology Optimization

- Ahmet Okudan-Udemy
- Feb 2025

Certified DraftSight Associate - 2D Design and Drafting

- Dassault Systèmes
- Sep 2024

Automotive Summer Camp

- Otomotiv Sanayii Derneği
- July 2024

ANSYS Mechanical Linear and Nonlinear Dynamics

- Numesys
- Mar 2024

Introduction to ANSYS SpaceClaim

- Numesys
- Mar 2024

Learning Siemens NX

- LinkedIn Learning
- Jan 2024

TEI Aviation Engines School

- TEI
- Jan-June 2024