

Deniz Can DURSUN

Senior Mechatronics Engineer

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My master's thesis focused on next-generation synchronous reluctance motors, for which I developed solutions using Ansys Electronics Suite software packages. After completing my master's degree, I fulfilled my military service. I served as a long-term team leader and a member of the procurement committee. I have developed my skills in Ansys Electronics Suite and MotorCad. I am capable of creating intermediate-level drawings in the SolidWorks software package.

AREAS OF EXPERTISE

- Electric Motor Design
- Solid Modeling
- Control Circuit Design
- Electric Motor Testing
- Finite Element Method
- Fatek
- PCB Board Design
- Bidding Committee

PROFESSIONAL EXPERIENCE

Maintenance, Repair, and Automation Engineer Bupiliç

May 2025–
Balıkesir

- I perform maintenance and repairs on malfunctioning machines and work with PLCs in specific areas within the factory.

Test Engineer

Bader Motor Technologies Ind. & Trade Inc.

September 2020 – March 2021
Elazığ

- I was involved in conducting tests on PMSM, BLDC, Asynchronous Motors, and Submersible Pump Motors.

Engineering Intern 2018

Selni Electric Motor Marketing Ind. and Trade Ltd. Co.

July 2018 – August

Manisa

- I was involved in the design, production, and testing of motors for washing machines of various brands and weights.

Engineering Intern

Tes Machine Environmental Technologies
Logistics Metal and Automotive Industry Inc.

June 2017 – July 2017
Istanbul

- Work was undertaken on the design and assembly of the KARSU electric vehicle, which assists in collecting waste materials from streets and sidewalks.

EDUCATION

Master's Degree in Mechatronics Engineering, Firat University, Elazığ, 2020–2023 **Bachelor's Degree in Mechatronics Engineering**, Firat University, Elazığ, 2014–2019

CERTIFICATES

First Aid, Van / Erciş / Erciş Public Education Center, 2024

Smart Relay and Micro-Level PLC Development and Integration Training, Manisa / Yunusemre / Yunusemre
Public Education Center, 2018

TECHNICAL SKILLS

Ansys Electronics Suite (Maxwell), MATLAB/SIMULINK, Ansys Workbench, SolidWorks, Proteus 8 Professional, Fatek

LANGUAGES

English (Intermediate)