

# NEZIR AYDIN

## Software Engineer

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Turkey/Ankara

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<https://nazero3.github.io/Portfolio/>

## SUMMARY

Highly motivated and skilled software engineer with a strong background in computer vision and artificial intelligence, I am seeking a challenging role in a dynamic organization where I can utilize my expertise to contribute to the development and implementation of cutting-edge technology. With a solid educational foundation and hands-on experience in C++, Java, and open-source libraries such as OpenCV and DPDK, I am confident in my ability to develop and implement innovative solutions in a fast-paced environment.

## EXPERIENCE

### Software Engineer

#### Karel

05/2022 - Present    Ankara/Turkey

Karel is the market leader in PBXs in Turkey according to the reports of all international and national research institutes. Its main field is telecommunications.

- Research of 5g network technologies specifically in UPF (user plane function)
- Research DPI (deep packet inspection) and implement some of its features (IP , port blocking, Qos) using open sources such as DPDK (data plane development kit) and pcapplus

### Backend Developer

#### Backend Development bootcamp:

05/2023 - 09/2023    Remote

Re:coded

- Javascript, typescript , authentication, testing , mock testing and many other subjects were covered in this bootcamp

## SOFTWARE ENGINEER (COMPUTER VISION)

#### Medpoint

10/2021 - 05/2022    Ankara/ Turkey

MEDPOINTR is a company located in ANKARA and aims to produce & innovate medical devices which are designed for easing surgeries.

- Implement opencv library for improving object detection using C++ language and QT framework.
- Design 3d models and prototypes using Solidworks

## Mechatronics Engineer:

#### BESMAK Material Testing Machines

06/2018 - 03/2020    Location

Besmak is a company located in ANKARA produce material testing machines, production and quality control machines

- Designing machines testing machines using Solidworks and Auto-cad
- Designing hydraulics cylinders and schematic drawings
- Collaborating with the technicians to find solutions to day-to-day problems in the process of manufacturing

## SKILLS

javascript	nodejs	nextjs	
reactjs	C++	Java	Mongodb
AWS	Git	Linux	

## EDUCATION

### Master of Science - Software Engineering

#### Middle East Technical University

2021 - 2023

### Bachelor of Science - Mechatronics Engineering

#### University of Turkish Aeronautical Association

2013 - 2018

## PROJECTS

### EyeElavation

Date period    Location

user interface used in the elevator instade of buttons the user will look into camera where it will track the eye gaze and determine the floor needed to go to

- python opencv

### LuggPicker

Date period    Location

A web service that connects travellers with agency to help with heavy traveling lauggages, so that the treaveller will give their luggage to the agency and wont need to wait long lines or carry heavy luggages

- nextjs nodejs react mongodb

### LocalEat

Date period    Location

A Web service that connect customers with cooks who offer homemade food

- nodejs javascript react mongodb