



# Burak Öngören

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Gaziemir/İZMİR

## ABOUT

Hello, I am an engineer candidate who develops projects in the fields of software development, image processing, and deep learning, and is open to innovation. Throughout my university education, I have actively worked on both web and mobile application development. I have especially focused on developing applications using Python, PHP, and JavaScript technologies. I am shaping my career in the software field and continue to gain the necessary qualifications in this area. After completing my undergraduate studies, I aim to pursue a master's degree in computer science.

## EXPERIENCE

### R&D Engineer Candidate (Part Time) CMS Wheels

Aug 2024 - Continues · 9 months

- I am developing a porosity detection application using the OpenCV library and various image processing methods with Python. During the prototyping phase of the application, I used React Native and FastAPI technologies.

### Frontend Developer (Part Time) NicEye Group

May 2023 - Aug 2024 · 1 year 3 months

- Developed front-end interfaces for PHP-based streaming platforms using HTML, CSS, JavaScript, Bootstrap, and jQuery.

### Intern Software Developer RadicalX

Jan 2023 - May 2023 · 4 months

- Improved my skills in HTML&CSS, PHP, JavaScript, jQuery, Apache Server, and MySQL during the internship. Subsequently, developed a website for the IZTECH Music Community.

## OTHER PROJECTS

### IZTECH Campus App

Apr 2024 - Continuing

Technologies: React Native, TypeScript, Firebase

- Developing a campus engagement app for IZTECH students, using survey data to improve functionality. Planning to apply gamification methods in the app.

### Recognition of Steel Microstructure with Deep Learning

Jan 2024 - Jun 2024

Technologies: Python, OpenCV, Tensorflow, Mask-RCNN

- Applied deep learning methods(object detection) to identify pearlite and ferrite regions in SEM images of steel microstructures. Conducted as my undergraduate thesis project.

## EDUCATION

### Izmir Insitute of Technology (Undergraduate)

Material Science & Engineering (English) / 2019-2025 (continuing)

## ABILITIES

- Python
- PHP
- JavaScript, HTML&CSS
- Process Management
- React-Native
- Tensorflow
- Fast API
- Data-driven planning

## LANGUAGES

- English - B2
- German - A1
- Turkish - Native