

Baran Deniz Dogan

Software Developer & Mechanical Engineer

✉ barandenizdogan@gmail.com ☎ (+90) 5449755200 📍 Turkey

📅 25th May 1998 🇹🇷 Turkish 🌐 github.com/barandenizdogan 🚗 B-M

PROFILE

Dynamic and results-driven Production Engineer with extensive experience in optimizing manufacturing processes, ensuring product quality, and implementing cost-effective solutions. Proficient in 3D modeling, bringing innovative designs to life with precision and attention to detail. Adept at Python programming and back-end development, with a proven track record in creating robust, scalable, and efficient systems. Combines a solid engineering background with a passion for technology and coding, offering a unique blend of skills to drive product development and enhance operational efficiency. An analytical thinker and problem solver, committed to continuous learning and staying updated with the latest industry trends.

PROFESSIONAL EXPERIENCE

Technical Support Specialist and Instructor

Zaxe 3D Printing Technologies

Oversee the entire installation process of 3D printers at client locations, ensuring that the setup is according to specifications. Collaborate with the sales and delivery teams to ensure timely and accurate installations.

Ensure proper calibration and testing post-installation to confirm the machine's operational effectiveness.

January 2017 –

November 2019

Istanbul, Türkiye

Production Engineer/Volunteer Internship

Mehmet Akçalı - B'ITS 3 Boyutlu Teknoloji Sistemleri
Tic. İth. İhr.

Manage daily operations of 3D printers, ensuring optimal print quality and efficiency. Select appropriate printing parameters, including layer height, infill density, and support structures.

Monitor ongoing print jobs, making necessary adjustments to ensure optimal results.

February 2017 –

August 2019

Gaziantep, Türkiye

Robotic Coding Instructor for kids

Özge Alıcı - Mucit Çocuk Atölyesi

Design and conduct interactive lessons that introduce children to basic robotics and coding principles. Engage students with hands-on projects and challenges to fortify their understanding.

March 2018 –

August 2018

Gaziantep, Türkiye

Mechanical Engineer Intern

Balkan Robot Teknolojileri

As an Intern Engineer, I am currently working to develop myself into every parts of the robots starts from designing a cell.

September 2023 –

January 2024

Bursa, Nilüfer

EDUCATION

Gaziantep University

Mechanical Engineering

Engineering Mathematics, Thermodynamics, Machine Design, Fluid Mechanics, Heat and Mass Transfer, Material Science for Engineers, Computer-Aided Design (CAD) Mechanical Vibrations, Robotic

August 2016 – present

Gaziantep, Türkiye

SKILLS

CAD Apps (e.g.

Solidworks, AutoCAD)

● ● ● ● ●

Office 365 and Cloud
Systems

● ● ● ● ●

Python

● ● ● ● ●

Flutter|Dart

● ● ● ● ●

JavaScript|Node.JS

● ● ● ● ●

PROJECTS

OORBS - Mobile Application Development

February 2022 –
present

Founder and Back-End Developer

The biggest goal when I created "oorbs.studio" was to aesthetically bring to life all the wishes anyone can ask from a mobile application.

<oorbs studio> team is a group of skilled developers and designers who are passionate about creating visually stunning and user-friendly mobile applications. They specialize in utilizing the latest design trends and technologies to create visually appealing and intuitive interfaces. They also pay attention to the smallest detail to ensure that every aspect of the app is polished and professional. They understand that a great design can make or break an app and they strive to deliver a seamless user experience. Their goal is to create mobile apps that are not only functional but also a pleasure to use. They are experts in creating beautiful and engaging mobile apps across various platforms like iOS and Android.

If you want to access the source codes of some of the applications we have developed, you can send me a message and we will gladly share them.

Invenire, Inc.

Invenire Software Company - Founder and Back-End Developer

Invenire is a company that aims to provide its clients with unique and innovative software solutions in an age where technology is constantly evolving. Much like the word "Invenire" in Latin means "to find, to discover", we strive to identify the needs of the industry and offer the most suitable solutions for these needs.

Since our establishment, we have undertaken many successful projects with our commitment to quality service and our experienced team. Prioritizing customer satisfaction, we have made it our principle to provide solutions that best fit their needs in every project.

Clients who choose us will not only find a software company but also a partner that will help them grow their business. At Invenire, we see the success of our business partners as our own and aim to be with them at every step.

If you want to take your business a step further, make a difference in the industry, and get acquainted with innovative software solutions, we at Invenire would be delighted to assist you.

DKS - DERBİS KONTROL SİSTEMİ

An app that manages, controls and upload user datas to DERBİS

This application streamlines data flow between the organizations and the Ministry, enhancing process speed and efficiency.

Automated manual processes previously conducted in Excel, reducing error rates and improving process management.

GAMA

Gaziantep Makine Araştırma

Community for Mechanical Engineers and Mechanical Engineering Candidates.

LANGUAGES

English
C1



Turkish
Native



INTERESTS

Robotic Coding

Design code infrastructures with Arduino.

Night Photographing

Making the arrangements for night environment and capturing star photos.

Instruments

Classic Guitar, Electric Guitar, Acoustic Guitar

REFERENCES

Ömer Yavuz Bozkurt, Prof. Dr., Gaziantep University
oybozkurt@gantep.edu.tr

Ahmet Mustafa Köş, Senior Armor Integration Specialist Engineer, BMC Savunma
90 506 422 95 02

Salih Çilsal, CBO, ArgeX

Mehmet Akçalı, E-Commerce Coordinator, Robotistan
mehmet.akcali@robotistan.com

Umut Özkaya, Senior Mechanical Design Engineer, Infinia
umut.ozkaya@infinia.com.tr, 90 506 809 97 57

Ali Özkan Özdurmuş,
Senior Project Development Specialist and Business Intelligence Manager, Kara Holding
ali@ozkanozdurmus.com, 90 546 691 68 20

DECLARATION

I hereby declare that all the above information is correct and accurate.

Baran Deniz Dogan