



MURAT AYDIN

Team/Tech Leader

12.03.1988 Erzurum, TURKEY

Living and working in Munich, GERMANY

Please refer to www.farkow.com for digital version.

CONTACT

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<https://www.linkedin.com/in/farkow/>

Worked for international private companies as well as Turkish governments, ministries, and special forces. Highly adaptable, foresighted, bold, progressive, great planner, straight to the point, energetic.

CURRENT STATUS

Experience 12 years of experience in the IT industry
Occupation Manager Project Development / Experience Creation at Dassault Systemes 3DExcite
Languages Turkish (*native*), English (*fluent*), German (*beginner*)

EDUCATION

1. Hacettepe University : Bachelor of Science <https://www.hacettepe.edu.tr/english/>
Department of Statistics
2. Middle East Technical University : Entrepreneurship Education <http://www.metu.edu.tr/>
3. Ozyegin University : Entrepreneurship Education <https://www.ozyegin.edu.tr/en>
4. Umitkoy Anatolian High School

WORK EXPERIENCE

Dassault Systemes 3DExcite <i>Munich</i>	Manager Project Development Experience Creation	08/2019 - present	www.3dexcite.com www.3ds.com
KI Labs <i>Munich</i>	Tech Lead	09/2017 - 08/2019	www.ki-labs.com
The Future Group <i>Oslo</i>	Sr. Software Developer	03/2017 - 08/2017	www.futureuniverse.com
Podoces Technology <i>Ankara</i>	Founder & C.E.O.	10/2011 - 06/2016	
Intel Corporation <i>Ankara</i>	Software Developer (<i>Remote</i>) My Success Story	04/2009 - 11/2010	www.intel.de
Bilisim Inovasyon <i>Ankara</i>	Software Developer	07/2009 - 12/2011	

SUBCONTRACTOR OF

as Podoces Technology (*own company*)

Tiga Bilisim <i>Ankara</i>	Project Manager	2011-2017	https://www.tiga.com.tr/en/
Iki Teknik Bilisim <i>Ankara</i>	Software Lead	2011-2017	http://www.ikiteknik.com
Orbis Software <i>Ankara</i>	Software Lead	2015-2017	http://www.orbisteknoloji.com.tr/
Funrock Media <i>Stockholm</i>	Game Development Lead	2013-2015	http://funrock.com/

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- ✓ go
- ✓ c++
- ✓ c
- ✓ c#
- ✓ php
- ✓ python

DATABASES

- ✓ couchdb
- ✓ cassandra
- ✓ mysql
- ✓ mssql
- ✓ postgresql
- ✓ oracle

MISCELLANEOUS

- ✓ kubernetes
 - ✓ unreal-engine
 - ✓ unity3d
 - ✓ kinect
 - ✓ VR-glasses
 - ✓ cross-compiling
-

FIELDS

Operating in the following fields;

- Experience
- Microservices
- Linux
- Cloud
- Web
- Penetration Testing

INDUSTRIES

Worked on various projects for the following industries;

- Mixed Realities
 - Military Simulations
 - Digitalization
 - Games
 - Pharmaceutical
 - Chemicals
 - Finance
-

CUSTOMERS & EMPLOYERS

Worked on various projects which belongs to the following companies;

- Intel
- Dassault Systemes
- Turkish Ministries
- Turkish Governments
- Turkish Special Forces
- Mercedes
- Daimler
- Lanxess
- HDI / Talanx
- Tiga
- Future Group
- Podoces

PROJECTS

Projects are ordered by relevance.

1. [Lost in Time](#) - The Future Group
World's First Interactive Mixed Reality Show
2. [The Pharmaceutical Track & Trace System](#) - Turkish Ministry of Health
Providing Drug Safety and Prevents Counterfeiting
3. [KYK.NET](#) - Turkish Ministry of Youth and Sports
Manager for All Institutional Process Digitally
4. [Car Simulation + Hydraulic 6 DOF](#) - Turkish Homicide Department
Trains Homicide Staff for Car Chases
5. [Tsunami](#) - Turksat
Overall Management System for the only Satellite
6. [Wheeled Armored Vehicle Simulations](#) - Special Forces Command, Turkey
Software Performance Upgrades for Wheeled Armoured Vehicle Simulations
7. [Chemondis](#) - Lanxess & Chemondis
A B2B Chemical Marketplace
8. [Digital Coach Office](#) - HDI/Talanx
Automatize Insurance Coaches' Daily Activities
9. [Ebasis](#)
Remote Health Support for Old People
10. [Data Innovations](#) - Daimler & Mercedes
Data Innovations for Daimler and Mercedes
11. [Rivality: Zombie Attack](#) - Funrock Media
Mobile Strategy Game

LOST IN TIME

World's First Interactive Mixed Reality Show

www.futureuniverse.com

The Future Group

Sr. Software Engineer + Performance Enhancer + Cyber Security

oracle microservices go php linux bash jmeter python penetration-tools

Leading content creator FremantleMedia today announced Lost in Time, a newly-developed, first-of-its-kind entertainment format using Interactive Mixed Reality™ (IMR) on both TV and mobile devices.

Lost in Time is set to push the boundaries of television as we know it by incorporating real-time special effects pioneered in The Matrix that bring a feature film experience to the TV. Lost in Time allows viewers to compete in the show to win prizes through an iOS or Android app in a first-ever blending of primetime TV and mobile entertainment.

Lost in Time follows three contestants as they are transported into different eras including the Wild West, Ice Age, Medieval age and the Jurassic period where they compete in a series of epic challenges against the clock with the aim of winning one jackpot prize. The fast-paced entertainment show will keep viewers on the edge of their seats as they watch the contests battle it out to be crowned Champion.

Viewers can also be taken to the Lost in Time virtual world via a smartphone or tablet app where they are able to play against the show contestants as well as other players from across the country in real-time.



THE PHARMACEUTICAL TRACK & TRACE SYSTEM

Providing Drug Safety and Prevention of Counterfeiting

its.gov.tr

in Podoces with Tiga for [Turkish Ministry of Health](#)

Backend Team Lead

php mysql java cron bash encryption qrcode



The Pharmaceutical Track & Trace System's (ITS) aim is to provide drug safety and prevent counterfeiting. System follows the supply chain from the production/importation to the end user.

ITS prevents the counterfeit and illegal drugs getting into the system by following the drugs at every step of the supply chain.

By using the electronic product code (2D Data Matrix), it is possible to track and trace every drug from the production line to warehouse, warehouse to pharmacy and pharmacy to the end user with this system.

System controls the drug sales and ensures that a drug is sold only once by getting notifications from manufacturers, importer, wholesalers, pharmacies and insurance companies.

In addition, this system greatly contributes to market assessments by providing big data to the decision makers.

KYK.NET

Digital Manager for All Institutional Processes

kyknet.kyk.gov.tr

in Podoces with [Tiga](#) for [Turkish Ministry of Youth and Sports](#)

Sr. Software Engineer + Team Lead for Financial Features

php python bash ssl mysql oracle .net



KYKNET Project enables “Kredi ve Yurtlar Kurumu” (KYK - Institution responsible for student loans and residences in Turkey - Ministry of Youth and Sports) to manage all institutional processes digitally.

The information provided by the students that applied to KYK undergoes an evaluation process after the information is verified.

After the evaluation process is completed digitally, the students are sorted according to their evaluation result and then the students are placed to the proper dorm nearby their location.

In order to carry out these processes properly, “Student Placement Project” has been put into practice by our company.

The students’ evaluation results and their universities/departments’ locations are taken into account by the placement algorithm. The algorithm is now in use by KYK and placements are done trouble-free.

CAR SIMULATION + HYDRAULIC 6DOF

Training of Homicide Staff for Car Chases

in Podoces for Turkish Homicide Department

Subcontractor + Development

iot c# unity3d pic sqlite servo-motors async 3-display

A driving simulation with a 6DOF machine for police force to train car chases.

This Hyundai model is the most common car for police forces in Turkey, especially for homicide department.

The engine is removed and replaced with a computer and servomotors of 6DOF machine. The car’s pedals and lights are functional with the simulation’s input. Original speakers are connected to the computer. 3 different monitors are used in front of the car.

Hydraulic 6DOF which is built for only this car simulation can carry 5 tons.



TURKSAT TSUNAMI

Digitalizing the cable infrastructure assets for the only Satellite Company in Turkey

in Podoces with [Tiqa](#) for [Turksat](#)
Sr. Software Developer
.net mssql ios android



Tsunami Project is an overall management system, which has been primarily created for the purpose of digitalizing the cable infrastructure assets, and additionally avails the fulfillment of several management needs using a single system.

Tsunami project, first and foremost, created to digitalize the cable infrastructure assets of TURKSAT. It also serves as a single comprehensive system to satisfy all management needs of our customer.

Turksat Satellite Communications and Cable TV Operations Company (Turkish: Türksat Uydu Haberleşme Kablo TV ve İşletme A.Ş.) is the sole communications satellite operator in Turkey.

The system has 4 main parts: project management, inventory management, field & team management, mobile platform.

By integrating TURKSAT network information into the CBS environment TURKSAT definitely detects the reason of the problem with the help of this project in case of any trouble. In this way, any possible problems will be solved within the shortest time.

WHEELED ARMoured VEHICLE SIMULATION

Software Performance Upgrades for Military Simulation

in Podoces for [Special Forces Command, Turkey](#)
Subcontractor
(technology stack is confidential)

This is not a public project and all details are confidential.

CHEMONDIS

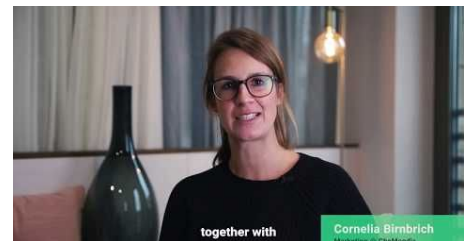
A B2B Chemical Marketplace

www.chemondis.com

in KI Labs for [Lanxess](#) + Chemondis

Team Lead

python django azure kubernetes jenkins cdn metabase iupac indigo



We connect experts from the worlds of Chemistry & Technology. It is that combination and approach that makes us unique.

Extensive chemical knowhow, deep customer insights, and trust as a proven core value on one hand and technology, new business ideas and an agile mindset on the other. We combine more than a century of expertise in chemicals with state-of-the-art technology.

We connect suppliers and buyers of chemical products. All companies. All products. In one trusted marketplace.

Chemical business is complex and requires trust and we embrace that. And that's why we stand for trustworthiness. It's the bedrock of our character. It's what you can hold us accountable for.

DIGITAL COACH OFFICE

Automatization of Insurance Coaches' Daily Activities

in KI Labs for [HDI/Talanx](#)

Tech Lead

serverless go aws lambda sns mariadb dynamodb bash teamcity

The software aims to bring the top German insurance into the digital working environment and will revolutionize and strengthen sales. It is a data-driven mobile app to simplify and optimize the internal sales processes at scale.

This is not a public project and other details are confidential.

EBASIS

Remote Health Support for Old People

in Podoces with [Tiga](#)

Tech Lead

unity3d c# c++ matlab image-recognition kinect2



A patient software that can be commanded by doctors to give tasks to old patients or to check their health status with Kinect 2

Ebasis is in development with Kinect 2 and Microsoft Band to serve home health care systems. It watches unwell and elderly people in their home, without breaking privacy rules and without disturbing them, and keeps records about their activities, pulse, emergency situations, and creates reports.

It collects state statistics, watches pulse and reports immediately, emergency signals when high or low pulse detected, sends emergency signal with a special hand movement which is custom created by a patient, sends emergency signal when a patient fell into the ground, watches, records and reports exercises.

DATA INNOVATIONS

Data Innovations for Daimler and Mercedes

in KI Labs for [Daimler](#) and [Mercedes Benz](#)

Sr. Software Engineer

(technology stack is confidential)

Innovations aims to make data serviceable for internal and external projects of Daimler and Mercedes.

This is not a public project and other details are confidential.

RIVALITY: ZOMBIE ATTACK

A Mobile Strategy Game

in Podoces for [Funrock Media AB](#)

Lead Developer

unity3d c# android ios



A mobile strategy game includes 2 layer zoomable map, tactical system, structure levels, unit levels, damage and repair, grid system, environmental units, rivers, mountains, conquer, market, discovery, assignments, prices, in-app payments, science and development, different military units, different structures, 2D orthographic camera, artificial intelligence and zombies.

CYBER SECURITY

Penetration tests and security patches are ordered by relevance.

AKBIS

in Podoces for [Justice and Development Party](#)

AKBIS is developed in order to provide management of and coordination between all Ak Parti units. The management information systems provided under the AKBIS package, designed to contain all units and their activities of the party. Thus, all the processes and related documents are transferred to the electronic environment and tracking/management of these are now can be done on this digital platform.

TURK PATENT

in Podoces for [Turkish Patent and Trademark Office](#)

Turkish Patent Institute has hereby been established, as an independent legal entity with a special budget being attached to the Ministry of Industry and Trade to be liable under special judiciary provisions for matters not provisioned by this Decree-Law, with the objective of supporting the technological development in Turkey and of establishing and protecting of industrial property rights, as well as providing the public with the worldwide information on industrial property rights, thereby supporting the cultivation of a competitive environment and the development of research & development activities. The Turkish Patent Institute established as a public institution shall have "TPE" as its initials.

WELTHUNGERHILFE

in KI Labs for [Welthungerhilfe](#)

Welthungerhilfe is one of the largest private aid organisations in Germany, without political or religious affiliation. Since Welthungerhilfe was founded in 1962 each sitting German President has been its patron. The President of Welthungerhilfe and the Supervisory Board represent the organisation externally and advise its Executive Board. The full-time Executive Board manages the activities of Welthungerhilfe.

MISCELLANEOUS

1. [Intel Success Story](#)
2. A special Unity3D course is given for Directorate General for Innovation and Education of Turkey
3. Opened a Unity3D course, first in Ankara / Turkey
4. A PHP course is given for The Turkish Radio and Television Corporation development team

5. "Oyungezer" and "Level" / Turkish game magazine appearance for the things made for Intel
6. Attendance at Global Game Jam events
7. Attendance at University Football Tournaments as Goalkeeper