



İLKER KADİR YILMAZ

SENIOR SOFTWARE DEVELOPMENT SPECIALIST

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Melikgazi, Kayseri, 38350, Türkiye

EDUCATION

BACHELOR DEGREE / MANAGEMENT INFORMATION SYSTEMS
ANADOLU UNIVERSITY | KAYSERİ
2027

Continuing

ASSOCIATE DEGREE IN ELECTRONIC TECHNOLOGIES
ERCIYES UNIVERSITY | KAYSERİ
2017

• GPA: 3/4

COMPUTER ENGINEERING (ENGLISH - INCOMPLETE)
BAHÇEŞEHİR UNIVERSITY | KAYSERİ
2020

Had to leave in the final year due to financial and unforeseen circumstances.

GPA: 2,8/4

HIGH SCHOOL – COMPUTER PROGRAMMING
AHMET ERDEM ANATOLIAN VOCATIONAL HIGH SCHOOL | KAYSERİ
2009

SKILLS

C#
C
Python
.Net Core
IoT
PostgreSQL
SQL Server
SignalR
MQTT
CANBUS
Modbus
SMBus
Rabbit MQ
Elastic Search
Redis
Docker
WebSocket
GIT

LANGUAGE

English

DRIVING LICENSE

Driving license
B Class

KEY PROJECTS

Muhsip e-Invoice analysis and financial integration platform.

Features:

- UBL XML parsing and validation
- invoice analysis engine
- accounting integration pipelines
- high volume data processing

ABOUT ME

Senior Software Developer with strong expertise in backend architecture, distributed systems and financial system integrations. Experienced in designing scalable platforms processing high-volume transactional data.

Specialized in .NET based backend development, e-invoice infrastructures, message-driven systems and IoT communication platforms.

Proven experience in building enterprise-grade systems integrating financial services, ERP platforms and energy monitoring infrastructures.

WORK EXPERIENCE

SOFTWARE & COMMUNICATION SPECIALIST

POMEGA ENERGY | ANKARA
JUL 2025 - PRESENT

Energy storage monitoring systems and communication infrastructures.

- EMS platform integrations
- IoT telemetry processing
- Energy system monitoring software
- Device communication via industrial protocols

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ÇEMREK INFORMATION TECHNOLOGIES | KAYSERİ
FEB 2023 - FEB 2025

Enterprise software development and integration systems.

- Backend services
- API integrations
- enterprise system architecture

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ASPILSAN ENERGY | KAYSERİ
OCT 2021 - FEB 2023

Battery production and energy systems software.

- BMS integrations
- IoT communication systems
- Industrial protocol software

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BILETALL / O BILET SOFTWARE | KAYSERİ
MAR 2021 - OCT 2021

CTO

NILVERA SOFTWARE & IT SERVICES | KAYSERİ
JAN 2019 - MAR 2021

- e-Invoice system architecture
- HSM digital signature infrastructure
- message queue systems
- microservice architectures

CO-FOUNDER

DOT SOFTWARE | KAYSERİ
JAN 2018 - JAN 2019

- Developed project-based software, electronic board designs, professional web, and mobile apps at Erciyes Technopark.

IT & SOFTWARE DEVELOPER

OSS ELEVATOR | KAYSERİ
JAN 2017 - JUN 2017

COMPANY REPRESENTATIVE & DEVELOPER

YILMAZ ELECTRONICS | KAYSERİ
MAR 2005 - JAN 2017

- Worked as a software and hardware specialist in our own business.
- Sold and installed OEM hardware components.

PUBLICATIONS

CONVERTING .NET JSON RAW STRING TO JSONELEMENT EASILY

[HTTPS://MEDIUM.COM/@ILKRKDRYLMZ/NET-JSON-RAW-STRINGI-JSON-ELEMENT-E-KOLAYCA-ÇEVIRME-CEAAEA842DF6](https://medium.com/@ilkrkdrylmz/net-json-raw-stringi-json-element-e-kolayca-çevirme-ceaaea842df6)

C# RABBITMQ LIBRARY

[HTTPS://MEDIUM.COM/@ILKRKDRYLMZ/C-RABBIT-MQ-KÜTÜPHANESI-F89C04B1D269](https://medium.com/@ilkrkdrylmz/c-rabbit-mq-kütüphanesi-f89c04b1d269)

.NET API RESULT PATTERN

[HTTPS://MEDIUM.COM/@ILKRKDRYLMZ/NET-API-RESULT-PATTERN-5D2FE1DF1104](https://medium.com/@ilkrkdrylmz/net-api-result-pattern-5d2fe1df1104)

CORE EXPERTISE

- Backend Architecture
- Distributed Systems
- Integration Platforms
- Financial Systems
- IoT Communication Systems