+90 (531) 578 16 46   kadirtunaceeng@gmail.com   kadirtuna.com.tr   github.com/kadirtuna
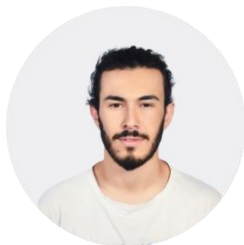
Kocaeli, Türkiye   linkedin.com/in/kadirtuna20   hackerrank.com/kadirtuna

Kadir Tuna

SOFTWARE DEVELOPER

Possessing a strong foundation in Electrical-Electronics and Computer Engineering, my academic journey began in Electrical-Electronics Engineering, followed by a transition to a double major in Computer Engineering. As an Erasmus student at Rezekne Technologies Academy in Latvia, I expanded my knowledge of Computer Science, working alongside peers from diverse cultural and academic backgrounds. I hold a certificate from the OSYM YOKDIL Exam (76.25/100) and have completed the B1+ Level Preparation at Pamukkale University, demonstrating proficiency in English. With 3 months of professional experience, I focus on Deep Learning (CNNs, LLMs), Algorithm Design, and back-end development, while continuously improving my skills in Low-Level Languages (C, C++). My long-term goal is to advance as a senior back-end developer, specializing in microservices.

EDUCATION

September 2024 – Present
Master's in Computer Engineering (30% English)
Gebze Technical University (GTU), Gebze, Kocaeli, Türkiye
GPA: 3.83/4

September 2018 – December 2023
Pamukkale University, Denizli, Türkiye

- **Bachelor's in Computer Engineering (Double Major)**
  Engineering Faculty,
  Cumulative GPA: 3.58/4.00

- **Bachelor's in Electrical–Electronics Engineering**
  Engineering Faculty,
  Cumulative GPA: 3.21/4.00

- **English Language Preperation**
  B1+ Level

September 2021 – June 2022
Erasmus+ KA103 Programme in Computer Science
Engineering Faculty, Rezekne Technologies Academy, Rezekne, Latvia
GPA: 8.47/10

PROFESSIONAL EXPERIENCE

February 2024 – Present
Back-End Developer - Ayasofyazilim (Bilisim Vadisi)
Gebze, Kocaeli

- Developed and maintained back-end services using .NET, EF Core, Microservice Architecture, Layered Architecture, ABP Framework, MongoDB, MSSQL, Redis, Docker, Linux, DDD, OOP, SaaS (Multi-Tenancy), Unit Test, Integration Test, DevOps and GitHub Actions.
- Focused on database modelling and microservice design for scalable applications.

October 2023 – December 2023
OOP Engineer Intern - IMEYT – Object Oriented Software, Baykar Technologies
Bahçeşehir, İstanbul

- Designed algorithms and tested performance using C# WPF, Geoprocessing, Python, and Socket Programming.
- Improved software performance through benchmarking and optimization.

July 2023 – September 2023
Software Developer Intern - R&D Department, SAMM Technology
Gebze, Kocaeli

- Developed applications using C# ASP.NET Core, HTML/CSS, JavaScript, Bootstrap5, EF Core, and MSSQL.
- Utilized Docker, Docker Compose, and Docker Swarm for containerization and orchestration.

June 2022 – August 2022
Back-End Developer Intern - Prizma Software
Pamukkale, Denizli

- Built back-end services using C# ASP.NET Core Web API, Blazor Framework, and EF Core.
- Applied Swagger API, Postman API, JWT Token, and Repository Patterns for API management and security.

KEY SKILLS

- C# - .NET Core, ASP.Net Core, WPF, Win Forms, ABP, EF Core
- C / C++ - Junior to Mid
- Python – PyQt, Numpy, Pandas
- WEB - HTML, CSS, JavaScript, React
- MSSQL, PostgreSQL, MongoDB
- Redis Caching, Microservices Arch.
- IPC - Socket Programming, Message Brokers
- API – REST, Postman
- VCS - Git / GitHub
- Software Testing – Unit, Integration
- Docker - Compose, Swarm
- OOP & Design Patterns
- Embedded - Beginner, PLC - Mid
- MATLAB / Octave - Mid
- Geographic Tools (GIS) - Beginner

HOBBIES

- Music - 4+ years (Guitar, Piano)
- Fitness - 3+ years (Swimming, Volleyball)
- Motorcycle Riding
- Chess

CERTIFICATIONS

April 2023

Fighter UAV Competiton Finalist, Teknofest 2023

Finalist (15th place out of 754 teams) as part of Algan UAV team.

November 2022

Middle Level Python Education, Yazilim Koyu

20-hour practical course covering decorators, iterators, database operations, multithreading, etc. in Python.

LANGUAGES

- Turkish - Native Speaker
- English - B2 Level (YOKDIL: 76.25/100)

PROJECTS

September 2022 – April 2023

GUI Design and App Integration, Algan UAV Teknofest Team (Demo)

Denizli, Türkiye

- Developed a GUI to display telemetry data and camera snapshots from the UAV.
- Responsibilities included OOP Design, PyQt5, UI/UX, AI integration, OpenCV, YOLO Model, TCP/UDP Socket Programming, FFMPEG, and Code Integration.

September 2022 – June 2023

People Counter Server Broadcast (Graduation Thesis) (Code/Live)

Denizli, Türkiye

- Created a Python Flask server that processes video frames to detect and count people using a custom YOLO Object Detection Model.
- Tools used: Python, Numpy, Pandas, Flask, YOLO v3–v7.

April 2020 – June 2020

Cargo Management WEB API (Recruitment Project) (Code/Live)

Denizli, Türkiye

- Developed a RESTful API for automating cargo order progress and selecting the cheapest carrier.
- Tools used: ASP.NET Web API, MSSQL, Swagger API, EF Core (Code First), Hangfire Cron Jobs, Async Programming, Repository Pattern, 3-Layered Architecture.

September 2018 – Present

More projects available in My Portfolio.

ASSOCIATION AND CLUB MEMBERSHIPS

September 2022 – April 2023

Volunteer Software Developer, Algan UAV Teknofest Team

Pamukkale University

- Developed orientation, tracking, and locking algorithms for UAVs and designed a GUI.
- Contributed to the team reaching the finals in the "**Teknofest 2023 Fighter UAV Competition**" held from April 15–19, 2023, in Bursa, Türkiye.
- Utilized tools and technologies including Python, PyQt, OpenCV, TCP/UDP socket programming, multithreading, and the YOLO object detection model.

REFERENCES

Prof. Dr. Serdar İplikci   Computer Engineering Academician, Pamukkale University

   E-mail: iplikci@pau.edu.tr

Assoc. Prof. Meric Cetin   Computer Engineering Academician, Pamukkale University

   E-mail: mcetin@pau.edu.tr | **Phone**: +90 (258) 296 3208

Ali Bahar   Software Engineer, TUBITAK BILGEM

Baran Hasan Bozduman   GUI and Testing Developer(IMEYT), Baykar Technologies

Hasan Duraman   Embedded Software Testing Engineer, Baykar Technologies

* The phone numbers can be provided upon request