

# Hüseyin TUNÇ

Bağlarbaşı Mah. Turgut Yücel sok. No:5

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## Education

### Gumushane University

Gumushane, Turkey

COMPUTER PROGRAMMING

2023 – 2025

- Relevant Coursework:** Visual Basic Console Programming, Visual Basic Excel Macro Programming, .NET Programming, Visual Programming with Java, PHP, JavaScript, Python, Object-Oriented Programming, Database Management, Graphic Animation, Network Fundamentals, Computerized Control Systems, Web Programming, Web Project Management, Natural Language Processing, Game Development with Unreal Engine

## Experience

### Tunç Yazılım Sistemleri (Registered Company) & Personal Projects

Remote / Turkey

FOUNDER & FULLSTACK DEVELOPER & AI-DRIVEN PROJECT DEVELOPER

2020 – Present

- Founded and manage Tunç Yazılım Sistemleri, leading a small team of developers for client and internal projects.
- Developed robust RESTful APIs using ASP.NET Core; implemented modular architectures following Clean Architecture, Repository Pattern, and SOLID principles.
- Built modern, fast, and user-focused interfaces with Next.js, leveraging server-side rendering (SSR) and client-side streaming architectures.
- Implemented enterprise-grade authentication models (email, Google OAuth, credentials) using NextAuth.js.
- Designed performance-optimized database solutions on MongoDB and MSSQL, including indexing and multi-dimensional queries.
- Integrated AI features such as text-to-image, semantic analysis, and content classification using RapidAPI and custom AI services.
- Architected the AI-powered legal platform “Vekaletim”; established the foundation for a microservices structure using .NET Core API, Python AI services, and RabbitMQ.
- Developed a multi-service architecture for “DatalinguaLab” using Docker, RabbitMQ, .NET Core API, Python NLP services, and Next.js.
- Built “Gech AI”, a Next.js + MongoDB-based image generation platform with prompt management, image gallery, favorites system, and user-specific storage.
- Created automation and data scraping bots using Python with Selenium, BeautifulSoup, and Playwright.
- Managed project planning, version control, and development workflows professionally using Git, GitHub, Docker, and Trello.

### Client-Based Projects

Remote / Turkey

SOFTWARE DEVELOPER – FREELANCE / COMPANY PROJECTS

2022 – Present

- Developed modern, SEO-friendly, mobile-first websites for corporate and individual clients.
- Built desktop applications using C#, .NET, WinForms, and MSSQL for field management, insurance automation, inventory tracking, and customer relationship management.
- Created custom management dashboards and applications to accelerate insurance policy workflows and data tracking.
- Delivered long-term client satisfaction by providing sustainable, secure, and performance-focused solutions.

## Skills

### Programming Languages

**Primary:** C#, JavaScript, TypeScript, Python **Experience:** Go, PHP, Java, Dart, Bash

### Web & Backend

.NET Core, Django, Entity Framework Core, RESTful API, MSSQL, PostgreSQL, MongoDB, Redis, RabbitMQ

### Frontend & UI

Next.js, React, Tailwind CSS, Framer Motion, shadcn/ui, glassmorphism & modern design systems

### Mobile

Flutter (iOS & Android), .NET MAUI, SwiftUI (fundamentals)

### Auth & Security

JWT (dual-token, refresh rotation), OAuth2, ASP.NET Identity, NextAuth.js, HttpOnly Cookies, XSS & CSRF auditing

### DevOps & Tools

Git, GitHub Actions, Docker, Docker Compose, MinIO, Postman, Figma, VS Code, Visual Studio

### AI & Automation

Selenium, BeautifulSoup, Playwright, AI API integrations (image generation, NLP)

### Languages

**Native:** Turkish **Intermediate:** English

### Soft Skills

Problem Solving, Analytical Thinking, Teamwork, Time Management, Teaching & Mentoring

## Honors & Awards

- 2024 – **Department Top Rank & University Second Place**, Graduated first in the Computer Programming Department at Gumushane Vocational School and second overall in the university. Achieved high academic averages and distinguished projects at the faculty level. [Gümüşhane, Turkey](#)
- 2025
- 2024 **TÜBİTAK 2209-A University Students Research Project Support**, DatalinguaLab: Covers the collection of Turkish speech data and its analysis using natural language processing (NLP) techniques. [Turkey](#)

## References

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Project **Asst. Prof. Dr. Rabia Yaşar Koştaş**, Gümüşhane University / Gümüşhane Vocational School / Department of *Gümüşhane, Turkey*  
Advisor Computer Technologies / Computer Programming Program / [rabia.yasakostas@gumushane.edu.tr](mailto:rabia.yasakostas@gumushane.edu.tr)