Eren OĞUZ

Back-End Developer & Electrical and Electronics Engineer

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As an Electrical and Electronics Engineer with a degree from Istanbul Bilgi University in 2023, I began my career as a Unity Game Developer and later transitioned into .NET development.

Now, I am seeking to further advance my career as a Back-End Developer. With expertise in C# and Object-Oriented Programming (OOP), I have honed my skills using various software tools, libraries, and methodologies while adhering to Agile practices. My goal is to contribute to impactful projects and continue growing in the field.

CORE PROFICIENCIES

- C#
- ASP .NET Core
- Entity Framework
- JavaScript
- Angular
- Node js.
- Docker
- SQL
- TypeScript

PROFESSIONAL EXPERIENCE

UNILOGISTIX CO.   **İstanbul, Türkiye**
Software Engineer – "Cario Vehicle Tracking Device" Project Development   *Apr 2023 – June 2024 (14 months)*

- ASP.NET Core 6 & 7
- *Utilized Repository Design Pattern, Unit of Work Pattern and Dependency Injection*
- *Developed and optimized RESTful APIs, incorporating tools such as Fluent Validation for data validation, AutoMapper for object mapping, Serilog for logging, and JWT for secure user authentication and authorization.*
- *MQTT for real-time messaging and device communication.*
- *Worked with databases PostgreSQL, MongoDB, Redis*
- *Managed CI/CD processes with using Jenkins and Portainer.IO*
- Prepared comprehensive documentation throughout the entire *project development cycle.*

ATLAS SPACE   **İstanbul, Türkiye**
Game Developer   *August 2022 - Apr 2023 (8 months)*

- Designed and implemented essential game mechanics, such as player controls, physics-based interactions, and AI behaviours, using C# in Unity.
- Worked with team members to create and iterate on prototypes, contributing to level design, UI layout, and feature testing.
- Utilized debugging tools in Unity to locate and fix runtime errors, ensuring stable builds for testing and deployment.
- Gained experience in collaborative workflows using GitHub or similar version control systems, ensuring seamless team coordination and project tracking

EDUCATION

ISTANBUL BILGI UNIVERSITY *2014 - 2023*

Bachelor's degree in Electrical & Electronical Engineering (English) – 2.57 / 4.00 GPA

"Unmanned Aerial and Ground Robot Collaboration in Search& Rescue Missions", Senior Design Project, 2022.

LANGUAGE PROFICIENCY

- Turkish: Native
- English : Advanced (IELTS English Certificate 7.0 – 2015) – Fluent in technical and professional

ADDITIONAL SKILLS

Programming and Development

- Expertise in **.NET Framework** and **.NET Core**, **MVC, Entity Framework**
- **API Development** (RESTful Services, Web APIs)
- Proficiency in **SQL** (PostgreSQL, Microsoft SQL Server) and NoSQL (MongoDB, Redis)
- Experience in both **Back-End** and **Front-End** (Angular, HTML, CSS)
- Strong knowledge in **Design Patterns** (Singleton, Repository, Onion Architecture)
- Familiarity with **Microservices Architecture**
- Familiarity with **Multitenancy Principles**
- Experience in **Asynchronous Programming and Multithreading**

Tools and Technologies

- **Version Control:** Git, GitHub, BitBucket
- **Collaboration Tools:** Jira, Confluence, Slack
- **API Testing and Documentation:** Postman, Swagger
- **Message Queues:** RabbitMQ, SignalR
- **Authentication and Authorization:** Identity Server, OAuth2, JWT
- **Containerization:** Docker (image creation, container management)
- **CI/CD Pipelines:** Azure DevOps, GitHub Actions, Jenkins (basic configuration and automation)
- **Cloud Platforms:** Azure Functions, Azure Blob Storage, AWS EC2 and S3 (basic setups),
- **Data Management:** Excel, Google Sheets

Data and Process Analysis

- **Documentation and Reporting** (technical and non-technical)
- **Data Analysis** and troubleshooting in large-scale systems

Leadership and Team Collaboration

- Experience in **Agile Development** and **Scrum Methodologies**
- Effective **Team Collaboration** and task distribution
- Strong **Problem-Solving** and **Stakeholder Communication** skills

Interpersonal Skills

- Strong **Communication Skills** in diverse teams
- Proactive **Problem-Solving** and adaptability
- Excellent **Time Management** and organizational skills