

Erdinç YAŞAN

Computer Engineer | .NET Specialist | Distributed Systems

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✔ Military Service: Completed

Summary

Backend-focused Computer Engineer with 5+ years of experience designing and shipping distributed systems in .NET. Hands-on with Microservices, Modular Monolith, and Event-Driven architectures across fintech & banking, defense, and e-commerce domains. Strong foundation in system design principles informed by Domain-Driven Design (Eric Evans), Clean Architecture (Robert C. Martin), and Designing Data-Intensive Applications (Martin Kleppmann). Experienced in PostgreSQL, RabbitMQ, Redis, Docker, AWS SQS, DynamoDB, ECS, CloudWatch and Azure cloud services.

Profiles

LinkedIn
[erdyasan](#)

Github
[erdyasan](#)

Experience

OBSS Remote
Senior Software Developer January 2025 - Present

- As part of the Payment Systems team at Dünya Katılım Bankası, worked on ATM transactions, orchestrating complex transaction workflows via the Saga Pattern and n8n.
- Developed debit card application (card applyment) systems, managing the card lifecycle end-to-end.
- Built bill & corporate collection modules, developing collection flows and integrations.
- Used the Apinizer API management platform for service integrations and API governance.
- Worked in an Agile / Scrum team, taking part in sprint planning, reviews and retrospectives.
- Resolved critical race condition issues during high-load throttle testing, ensuring system stability for banking operations.
- Contributed to a military Map Information System, processing map and raster data using the GDAL API and GDAL parameters.
- Set up map-data backups on GeoServer (GeoServer + GDAL) and downloaded map layers via Azure Maps.
- Built high-performance spatial queries and polygon search using EF Core LINQ and PostGIS.
- Currently contributing to the Navlungo logistics platform — optimizing existing services, developing carrier integrations and rate calculation modules, and building new features using .NET, PostgreSQL, and AWS (SQS, DynamoDB, ECS, CloudWatch).

<https://obss.tech/en/>

Caretta Software and Consulting Remote
Backend Developer December 2023 - December 2024

- Architected a career platform using N-Tier Architecture, designing the database schema via UML diagrams and implementing core services.

- Optimized a custom Dapper-based ORM, identifying and fixing performance bottlenecks and case-sensitivity issues in PostgreSQL.
- Engineered a Firebase Push Notification system using Hosted Services to automate and track notification delivery.
- Improved memory management by 70% in Excel generation processes by migrating to the SpreadCheetah library.
- Integrated SharePoint APIs to synchronize and manage corporate user data across legacy and modern systems.

<https://www.caretta.net/>

1like

Remote

Software Developer / Tech Lead (Marketplace Project)

July 2022 - December 2023

- Orchestrated the development of a multi-type marketplace platform (Admin, Seller, Customer) using Modular Monolith architecture and .NET 7.
- Designed and managed CI/CD pipelines using GitHub Actions and Docker, automating deployments to VPS environments.
- Developed a scalable video processing pipeline using FFmpeg and m3u8 (HLS) to support adaptive bitrate streaming for social features.
- Implemented an asynchronous bulk product management system using RabbitMQ, Azure Blob Storage, and custom Excel integration logic.
- Engineered a dynamic shipping integration system using the Factory Pattern, supporting both WSDL and REST protocols.
- Integrated PayTR payment gateway and optimized search experiences using Azure Cognitive Search and Redis caching.

<https://1like.com>

Cortex Technology

Remote

Junior Software Developer

September 2021 - June 2022

- Developed a centralized Identity Service for ERP systems using ASP.NETCore Identity and IdentityServer (OAuth2/OpenID Connect).
- Implemented Clean Architecture and Repository Pattern, ensuring code quality with xUnit unit tests.
- Upgraded legacy projects from .NET 5 to .NET 6 and migrated frontend components from Vue 2 to Vue 3.
- Built background services for automated mail processing using RestSharp, Linux Cron Jobs, and RabbitMQ.
- Exposed multi-domain endpoints using OData to facilitate complex data querying for internal services.

<https://vireo.software/>

Education

Iskenderun Technical University

Bachelor's Degree

Computer Engineering

July 2015 - June 2020

ISTE

Skills

Principles & Architectures

Cqrs, Mediator, Clean Architecture, Onion Architecture, Microservices Architecture, N-Tier Architecture, KISS, DRY, SOLID

CI/CD

Git, Github, Azure Devops, Docker & Docker Compose, Kubernetes

Backend

.NET 5-9, C#, Asp.Net Core, Entity Framework Core, Dapper

Azure Services

Azure MapService, Bing MapService, Azure Devops, Azure Blob Storage, Azure Search Cognitive

Architectures

Microservices, Modular Monolith, N-Tier, Clean Architecture, Event-Driven

Patterns & Principles

CQRS, MediatR, SOLID, KISS, DRY, Saga Pattern

.Net

Worked Versions

.Net 5, .Net 6, .Net 7, .Net 8, .Net 9

Databases

MongoDB, Redis, PostgreSQL (PostGIS), MSSQL

Cloud & DevOps

Azure Blob Storage, Azure AI Search, Azure Maps, Azure App Services, Azure DevOps, Github Actions, Docker, Kubernetes, Git

UI Frameworks

Flutter, Next JS, Vue JS (2/3), React v18, React Router v7

🔒 Messaging & Caching

RabbitMQ (MassTransit & base client), Redis Pub/Sub, Redis Caching

🔒 System Design

CAP Theorem, Saga Pattern, CQRS, Event-Driven Architecture, Builder Pattern, Factory Pattern

Languages

Turkish

Mother Tongue



English

Professional Working Proficiency

