

Deniz Demiryürek

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A seasoned software engineer who still gets the same thrill from writing code as when I first printed “Hello World” on the screen. Passionate about building clean, scalable solutions and always curious to learn new things. With 9+ years of professional experience across enterprise-grade, high-transaction projects, I thrive in collaborative teams where knowledge sharing and creativity drive success. Experienced in distributed systems, microservices, and cross-functional collaboration to drive measurable business impact. Outside of work, you can find me enjoying a good board game night or unwinding by playing guitar and piano.

Experience

06/2024 - PRESENT

Software Engineer | Domino's Pizza Enterprises Limited, The Netherlands

- Developed and maintained 30+ microservices within the Store Lords team, enabling seamless integration of new services and third-party systems.
- Migration of critical projects from AWS to Azure, ensuring smooth transitions with zero-downtime deployments.
- Improved system performance and scalability to support operations across 3,500+ stores, reducing incidents and downtime risks.
- Implemented robust monitoring and alerting mechanisms, increasing system reliability and proactive issue resolution.
- Contributed to architectural decisions that optimized cloud resource usage, lowering operational costs while maintaining high performance.

Tech Stack: .NET 8, C#, Azure, Azure Kubernetes Service, Azure Functions, Azure Key Vault, CosmosDB, Azure Service Bus, MSSQL, Python, Terraform, Application Insights, Grafana, xUnit, A/B testing, React, Typescript

08/2022 - 05/2024

Senior Software Developer | Coolblue, The Netherlands

- Designed and maintained 20+ microservices within the Storing, Picking & Packing (SPP) team, delivering scalable and high-performing solutions.
- Delivered new integrations using .NET 6, Kafka, and AWS, enabling seamless communication between systems and supporting +millions of daily transactions across highly utilized services.
- Mentored new team members, accelerating their onboarding process and contributing to their long-term technical growth.
- Improved code quality and maintainability by driving clean coding practices and establishing shared standards.
- Coordinated successful integrations with cross-functional teams, ensuring smooth progress and minimal friction in collaborative projects.

Tech Stack: .NET 6, C#, AWS, Lambda, S3, DynamoDB, SQS, SNS, Terraform, Kafka, PLSQL, DDD, Git, xUnit, SpecFlow, Fluent Assertions

11/2021 - 07/2022

Software Engineer | Beymen Group, Turkiye

- Developed and maintained e-commerce platforms in the Agile Cart-Order-Payment (COP) team for Turkey's largest menswear & formal clothing retailer.
- Successfully delivered the Masterpass payment integration, ensuring secure and seamless transactions.

Sites: www.network.com.tr, www.divarese.com.tr

Tech Stack: ASP.NET MVC, .NET Core, C#, RabbitMQ with MassTransit, Redis, MongoDB, MSSQL, Dapper, Entity Framework Core, AutoFac, GrayLog, Jenkins, Git

03/2018 – 11/2021

Software Engineer | Paynet Payment Systems, Turkiye

- Led the migration from a monolithic system to a microservices architecture, modernizing the payment infrastructure for improved scalability, maintainability, and resilience.
- Directed the successful integration of Masterpass, providing customers with secure and seamless payment capabilities.
- Delivered the end-to-end integration of the Turkish Government ID verification system, ensuring full regulatory compliance and robust identity validation.
- Redesigned system components to align with modern development standards and technologies, enhancing performance and code maintainability.
- Ensured compliance with PCI DSS and BDDK requirements by performing proactive vulnerability patching and mitigating identified system weaknesses.

Sites: www.paynet.com.tr, odeme.paynet.com.tr

Tech Stack: Java Spring Boot, .NET Core, ASP.NET MVC, Domain Driven Design, Clean Architecture, TDD, xUnit, Redis, RabbitMQ with MassTransit, MSSQL, MongoDB, Dapper, Entity Framework Core, REST, Git, WorkerServices, Hangfire, React, HTML & CSS & JS

08/2017 – 03/2018

Software Engineer | Proj-e Software, Turkiye

Developed and maintained the CMS-based e-commerce infrastructure and RESTful APIs powering the shared backend of 30+ e-commerce websites, ensuring scalability and high availability.

Experienced in Agile Software development process using SCRUM methodology.

Tech Stack: C#, ASP.NET Web Forms, ASP.NET Web API, REST, MSSQL, TFS

03/2016 – 08/2017

Software Engineer | Eren Holding, Turkiye

Designed and delivered ERP systems and interfaces used across multiple departments and retail stores of one of Turkey's largest company.

Tech Stack: C#, ASP.NET Web Forms, ADO.NET, WinForms, Java SE, PLSQL, Oracle

Education

09/2010 – 06/2015

Bachelor of Engineering, Computer Engineering | Kadir Has University, Turkey

Awards : Best Design Project 2015 (Erasmus Contact)

Certifications & Trainings

08/2025

AI-102 Designing and Implementing a Microsoft Azure AI Solution | Microsoft ESI

10/2019

Secure Software Development | ADEO Cyber Security Services

02/2016

Microsoft Programming and Database | Wissen Akademie

01/2013

Microsoft Programming and Database | BilgeAdam Technologies