Halil Bozdoğan
Senior Software / DevOps Engineer

I am an experienced Senior Software Engineer with a strong background in managing and developing large government projects, optimizing codebases, and ensuring system security. I have successfully led teams in making crucial technical decisions, including selecting technology stacks and implementing high availability and fault tolerance measures. My expertise includes migrating old .Net Core projects, configuring CI/CD operations, converting Windows Service projects to Docker containers, and deploying to Kubernetes clusters. I have also contributed to requirements analysis, training, and architecture design. Throughout my career, I have consistently demonstrated my ability to deliver high-quality results and excel in complex software development environments.

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Work

Senior Software Engineer

Enocta
Jul 2022 – Present
Ankara, Turkey

In this role, I played a critical part by identifying and resolving performance issues on our Web API service. I also gained hands-on experience with fixing programming errors and preparing reports using stored procedure on SQL server. I played a significant role in designing and implementing new software development projects as per the requests. Another significant project of mine at Enocta was acquiring the ability to set and display multiple time zone settings in our application to meet the needs of users in different time zones. In my work on software infrastructure, I took on the task of converting our TFS code infrastructure to Git, broadening my technical skills and enhancing the productivity and collaboration capabilities of my team. My final task was

to successfully organize and set up CI/CD processes on Azure Devops, thereby gaining the capability to effectively manage every stage of the software development cycle from start to finish.

- Azure DevOps
- Performance
- SQL Server
- Multi Timezone Application

Senior Software / Devops Engineer

Tiga Bilgi Teknolojileri A.Ş.
Dec 2015 – Jul 2022
Ankara

At Tiga Bilgi Teknolojileri A.Ş., I had the opportunity to develop and manage large government projects. As a technical leader, I made significant decisions regarding the tech stack for these projects. I also specialized in designing and developing high availability and fault tolerance systems. Additionally, I focused on code optimization for large and old code bases, as well as fixing security-related bugs. Another key responsibility was migrating outdated .Net Core projects to newer versions of the framework, specifically from 2.x to the more recent LTS versions. In terms of operations, I worked on configuring CI/CD operations with TFS and On-Premise Kubernetes. Furthermore, I converted Windows Service projects to Docker containers and deployed them to Kubernetes clusters.

- Kubernets
- High Performance
- DevOps
- High Availability
- Leader
- Code Optimization
- Docker
- Couchbase
- NoSQL

Senior Software Engineer

CLF IT & Management Consulting
Apr 2014 – Oct 2015

During my tenure at CLF IT & Management Consulting, I actively participated in the analysis, design, and development of various projects. In addition, I was able to obtain security clearance for military projects. One of my notable accomplishments was creating a High Performance Non-Blocking web server for custom messaging integrations.

- Military Project
- Security

- High Performance

Software Engineer

Anadolu Agency

Dec 2013 – Feb 2014

At Anadolu Agency, I played a vital role in developing windows/web services to facilitate third-party connections across the country. This involved ensuring smooth and reliable communication channels between the agency and external entities.

- Integration
- Web Services

Application Development Consultant

Innova

Sep 2008 – Dec 2013
Ankara

In my role as an Application Development Consultant at Innova, my responsibilities included requirements analysis for projects. I also had the opportunity to train interns and junior developers to hone their skills. Moreover, I took part in the architecture and coding of the framework, and I developed base libraries that were utilized across multiple projects. Additionally, I optimized existing libraries to enhance performance and actively addressed security vulnerabilities by analyzing security reports and resolving insecure code.

- Training Interns
- Code Optimization
- High Performance
- Security Analysis

System Support Chief

Demir Export A.Ş.

Oct 2007 – Aug 2008

During my time as a System Support Chief at Demir Export A.Ş., I focused on SharePoint deployment and configurations. I also wrote SharePoint workflows and administered Active Directory along with various Windows Servers. These responsibilities allowed me to gain valuable expertise in system support and administration.

- SharePoint
- Windows Servers
- Active Directory
- System Support

Education | Hacettepe Üniversitesi

Computer Education and Instruction Technologies
Sep 2001 – Jun 2005

Bachelor's Degree

Projects

National Health System - e-Nabiz
Sep 2018 – Jul 2022

Ministry of Youth and Sports - E-Transition System
Apr 2019 – Dec 2019

Turkey Scholarships Application System
Dec 2015 – Nov 2016

Internal Company Portal For HR and Finance
Jan 2015 – Oct 2015

Network Device Monitoring And Management
Apr 2014 – Oct 2015

Central Bank of the Republic of Turkey Service Integration
Dec 2013 – Feb 2014

Loyalty Framework
Aug 2013 – Dec 2013

Turk Telekom Kurumsal Marka - Turk Telekom Corporate Brand
Jan 2013 – Nov 2013

Bizimle Kazan, Turk Telekom Enterprise Loyalty System
Nov 2012 – Jan 2013

TT Nokta – Multimedia Payphone
Dec 2009 – Dec 2011

Certificates

MS: Programming in HTML5 with JavaScript and CSS3

Issued by **Microsoft**

MCITP: Enterprise Administrator on Windows Server 2008

Issued by **Microsoft**

MCPD: Enterprise Application Developer 3.5

Issued by **Microsoft**

MCPS: Microsoft Certified Professional

Issued by **Microsoft**

MCTS: Windows Server 2008 Active Directory, Configuration

Issued by **Microsoft**

MCTS: Windows Server 2008 Network Infrastructure, Configuration

Issued by **Microsoft**

MCTS: Windows Server 2008 Applications Infrastructure, Configuration

Issued by **Microsoft**

MCTS: .NET Framework 3.5, Windows Communication Foundation Applications

Issued by **Microsoft**

MCTS: .NET Framework 3.5, ADO.NET Applications

Issued by **Microsoft**

MCTS: .NET Framework 3.5, ASP.NET Applications

Issued by **Microsoft**

Skills

Backend

C#   .Net Core   MsSQL

Couchbase   RDBMS

Optimization

Performance Profiling

Service-Oriented Architecture (SOA)

Micro Services

High Performance Applications

High Availability

Devops

Docker   Kubernetes

Windows Servers   Linux

Team Foundation Server (TFS)

Gitlab   Jira   VMware ESX

Frontend

HTML   Javascript

Languages

English
Fluent

Turkish
Native

Interests

Photography

Running

Reading / Writing

Open Source