



# Seckin Celik

## Education

- 2009 - 2012 **Masters of Science in Industrial Engineering and Operations Research**, *University of Massachusetts at Amherst*, MA/USA.  
Thesis: Factors Which Influence Key Entry Speed On Hard and Soft Keyboards: Experience, Eye Behaviors and Finger Movements
- 2004 - 2008 **Bachelors of Science in Management Engineering**, *Istanbul Technical University*, Istanbul/Turkiye.  
Thesis: Business model design of an online advertisement agency

## Professional Experience

- Dec 2024-Present **Software Engineer II**, *Microsoft-IC3*, Prague/Czechia - Hybrid.
- Strengthened test pipelines by implementing robust validation, automated recovery mechanisms, and fault-tolerant workflows, reducing flaky test failures and improving CI/CD reliability.
  - Applied Secure Deployment Principles (SDP) across Dod, Gcc and Gcch deployment pipelines, ensuring compliance with security standards and minimizing vulnerabilities in production environments.
- May 2022 **Senior Software Developer**, *MUFG Securities*, London/England - Remote.
- Nov 2024
- Utilized .NET Framework 4.7.2, .NET Core 3.1, and C# to build robust and scalable backend solutions.
  - Implemented responsive and user-friendly interfaces using Bootstrap, enhancing the overall user experience for Business Approval Manager (BAM).
  - Leveraged jQuery, JavaScript, Knockout.js, and TypeScript for front-end development, resulting in dynamic and interactive user interfaces.
  - Collaborated closely with cross-functional teams, to gather requirements and ensure seamless integration of systems.
  - Conducted code reviews and implemented best practices, leading to improved code quality and maintainability.
  - Successfully orchestrated the seamless transition of a critical application framework from .NET Core 3.1 to the latest .NET 6 platform, leveraging advanced proficiency in C# and extensive knowledge of the .NET ecosystem
- Sep 2021 - **Senior Software Developer**, *Roof Stacks Inc.*, Istanbul/Turkiye - Remote.
- Apr 2022
- Spearheaded the development and maintenance of a microservices-based backend application, leveraging .NET Core 3.1 and C# 8.0, ensuring high availability, scalability, and performance.
  - Designed and implemented ASP.NET Core Web APIs, facilitating efficient communication between microservices and enabling seamless data exchange.
- Dec 2019 - **Senior Software Developer**, *Borusan R&D*, Istanbul/Turkiye - Remote.
- Sep 2021
- Lead the development of a sophisticated ASP.NET MVC application, leveraging cutting-edge technologies including C#, Razor syntax, and Entity Framework.
  - Created CI & CD pipelines on Jenkins Build Server
  - Utilized Entity Framework, a powerful ORM (Object-Relational Mapping) tool, to streamline database operations, optimize query performance, and enhance data retrieval processes.

- Oct 2018 - **Senior Software Developer**, *Koc System*, Istanbul/TURKEY.
- Dec 2019
- Performed in a Technical Lead Developer role in development of PLEASE Leasing Application, Windows Task Schedulers, Online and Vendor Applications.
  - Played active role in supporting and solving customer issues.
  - Managed and Executed Test and Production Deployment Processes in accordance with customer demands.
  - Redesign of database packages in order to reduce dependency issues faced in production deployment.
  - Upgraded Windows Server Version of Test, UAT and Production servers. Migrated applications to new servers and realized testing phase.
  - Lead the successful migration of CDOMS and Sniper Applications from on-premises servers to the Microsoft Azure Cloud platform. This complex undertaking involved meticulous planning, utilizing Azure services such as Azure Virtual Machines, Azure SQL Database, and Azure App Service.
- Sep 2017 - **Senior Software Developer**, *Citibank*, Istanbul/TURKEY.
- Sep 2018
- Local Banking Application -Windows Form Application- modules developed in C# and .NET 2.0 Framework.
  - Development of Legal Reporting and Integration applications in C# and .NET Framework.
- Jun 2016 - **Software Developer**, *TRT WORLD*, Istanbul/TURKEY.
- July 2017
- Internal Portal project is developed in ASP.NET Web Forms.
  - Sharepoint (WebParts & WebApp) Portal and Microsoft Dynamics AX (SSRS Reports) is developed.
- Jan 2013 - **Software Developer**, *Tekniks Technology*, Istanbul/TURKEY.
- Jun 2016
- Fixing bugs, refactoring and supporting Sayax Application.
  - Designing, Building and Testing stand-alone applications based on the customer demands.
  - Production optimization model is built for run of river type hydro power plants using AMPL and Cplex Solver.

## Technical Skill

Programming Language	C#
Scripting Language	Bootstrap, HTML, CSS, JavaScript, KnockoutJs, TypeScript, JQuery, React, XML, JSON
Platforms/Framework	.NET, .NET Core 3.1, .NET Core 6.0, ASP.NET MVC
Database	MS SQL-T-SQL, ORACLE-PL/SQL, MongoDB
Cache	Redis
ETL	SSIS
ORM	LinqToSql, Entity Framework (DB First & Code First)
Frameworks	
Version Controlling Tool	Team Foundation Version Control, Git, SVN
Concepts	Object Oriented Programming, Design Patterns and Refactoring, Domain Driven Design, Event Sourcing, Microservices
Other	Jira, AMPL, IBM Ilog, IBM MQ ,Cplex, Latex, Telerik UI for ASP.NET AJAX, Devexpress Components, Telerik, MS Office, SSRS, SAP Crystal Reports