

Selim Yilmaz

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Summary

Highly skilled Software Developer with 5 years of experience in C#/.NET Framework, MS SQL, and C++. Demonstrated success in creating efficient and secure software applications for diverse platforms including web, mobile, and desktop. Recognized for contributions to international and well-known projects. Committed to continuous growth and adaptable to change. Professional English and basic-level German knowledge.

Skills

Programming Languages & Frameworks

- C++, C#
- .NET Framework, .NET Core
- ASP.NET (MVC, WPF, MVVM)
- Xamarin Forms

Databases

- MSSQL, SQLite
- LINQ, Entity Framework

Messaging & Queue Systems

- ActiveMQ, Mosquitto

Build & DevOps Tools

- Azure DevOps, TeamCity
- GitHub, TFS, Bitbucket
- CMake

Project Management & Tracking

- Jira, TFS

Web API Development

- REST API
- UML, Swagger
- Postman

System Administration & Virtualization

- Windows Server, Linux, macOS
- Hyper-V, VMware

Networking & Communication

- Network Basics

Experience

10/2021 - Current

Software Developer, **Siemens AG**, Istanbul, Turkey

- Developed and maintained backend systems using **C#, .NET Framework, and C++**, ensuring efficient and scalable solutions for diverse applications.
- Designed and implemented user interfaces utilizing **WPF** (Windows Presentation Foundation) to enhance user experience and streamline interactions.
- Collaborated with teams using **TFS** (Team Foundation Server) for version control, facilitating seamless integration and efficient project management. • Implemented unit tests using **NUnit and Google Unit Test**, ensuring the reliability and robustness of software solutions.
- Employed **CMake** for building, testing, and packaging software across multiple platforms, enhancing development efficiency and cross-platform compatibility.
- Utilized **Azure DevOps** and **Azure Cloud** services for continuous integration, deployment, and monitoring of applications, ensuring high availability and scalability.
- Contributed to the development of **Windows services**, enhancing system performance and enabling background processing capabilities.
- Integrated **Mosquitto** for efficient message broker functionality, enabling seamless communication between devices and applications.

- Leveraged **SQLite** for lightweight and efficient database management, ensuring data integrity and performance optimization.
- Designed and developed **APIs** to facilitate seamless communication between various components of complex systems, promoting interoperability and modularity.

09/2019 - 10/2021

Software Development Engineer, **Securitas Technology**, Istanbul, Turkey

- Leveraging my expertise in **C# and .NET Framework/Core** to architect, design, and implement robust backend solutions, ensuring optimal performance and scalability across platforms.
- Proficiently utilizing **Xamarin Forms** for cross-platform mobile application development, empowering seamless user experiences across diverse devices and operating systems.
- Employing **WPF** (Windows Presentation Foundation) to craft intuitive and visually appealing desktop applications, adhering to modern design principles and user interface guidelines.
- Managing relational databases effectively by leveraging technologies such as **MSSQL and SQLite**, ensuring data integrity and optimal performance in application workflows.
- Implementing efficient data access and manipulation layers using **Entity Framework**, streamlining development processes and enhancing maintainability.
- Facilitating seamless communication and message queuing functionalities through **ActiveMQ**, ensuring reliable and asynchronous message delivery in distributed systems.
- Enhancing user experience and productivity by integrating **DevExpress** controls and components into application interfaces, fostering intuitive navigation and interaction.
- Contributing to system automation and background processing tasks through **Windows Service Development**, optimizing resource utilization and system responsiveness.
- Successfully integrating external devices into software ecosystems using **SDKs**, ensuring seamless interoperability and enhancing application functionality.
- Developing robust and efficient APIs to facilitate seamless communication between backend services and client applications, adhering to **RESTful** principles and industry best practices.
- Collaborating effectively with cross-functional teams using version control systems like **Git** and continuous integration tools such as **TeamCity**, ensuring streamlined development workflows and codebase integrity.

01/2017 - 09/2019

Senior Technical Support and Solution Engineer, **Securitas Technology**, Istanbul, Turkey

01/2014 - 01/2017

Technical Support and Solution Engineer, **Securitas Technology**, Istanbul, Turkey

07/2012 - 01/2014

Field Engineer, **Securitas Technology**, Istanbul, Turkey

Education

01/2022

Master of Science, Information Technologies

Altinbas University, Istanbul, Turkey

01/2013

Bachelor of Engineering, Electrical & Electronics Engineering

Selcuk University, Konya, Turkey

Websites, Portfolios, Profiles

- <https://www.linkedin.com/in/selimyilmaz1989/>
 - <https://www.selimyilmaz.net/>
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Coursework

- Kubernetes 101, 2024
- Design & Manage Azure Cloud Infrastructure, 2024
- Linux System Administration, 2023
- Object-Oriented Programming using C++20, 2023
- Secure Coding in C#.NET, 2022
- Software Architecture, 2022
- Xamarin Forms, 2020
- Agile Methodology (Scrum - Kanban), 2020
- Cordova - Cross-Platform Application, 2019