

Lior Sherbaty

Software/Backend Engineer

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Profile

A highly motivated Backend Software Engineer with over 5 years of experience. Expert in designing and building complex, mission-critical backend systems using .NET and C#. Proven ability to develop robust, distributed microservices communicating via gRPC, REST, and RabbitMQ. I thrive on extreme ownership—from architecting features from scratch in multi-server environments to ensuring reliability in production.

Skills

.NET 8/6 & .Net Framework, Angular & WPF	REST, RxJS, RabbitMQ, Protobuf
Microservices Architecture & Client and Server	C#, TypeScript
Clean Code & SOLID	Agile/Scrum

Professional Experience

04/2024 – Present	Backend Developer <i>mPrest</i> - Engineer a distributed microservices architecture using gRPC and Protobuf for high-performance communication, leveraging REST APIs (HTTP) for synchronous requests and RabbitMQ for resilient, asynchronous messaging. - Designed and implemented a core system feature from scratch, demonstrating full ownership from architectural design to final implementation. - Manage data persistence and integrity using MongoDB and PostgreSQL within a highly secure, multi-VM environment.
01/2021 – 04/2024	Software Developer <i>Philips</i> - Developed and maintained full-stack medical imaging applications, creating intuitive user interfaces with WPF and powering them with robust .NET Framework backend. - Contributed to the modernization of a key product by developing features using Angular for the front-end and high-performance .NET 6 services for the back-end. - Gained deep experience in a regulated environment demanding correct, robust, and rigorously tested code, ensuring the highest standards of quality and reliability.
09/2018 – 12/2020	Student Software Automation Developer - Developed infrastructure for automated UI testing in C# of Desktop Applications on .NET Framework. - Started as Manual QA and moved to Software Automation Team internally.

Education

10/2016 – 05/2020	B.Sc. in Computer Science <i>Haifa University</i>
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