

- Over 14 years of experience as a software engineer.
- Microsoft .NET oriented, but easily capable to switch to other technologies.
- Pragmatic development: leverage simple solutions to achieve business goals while remaining open to adapt and scale.
- Particularly interested in API development, distributed systems, performance, functional programming and good design principles.
- Strong focus on agile process and its constant improvement.
- Deep understanding how to design maintainable systems and write clear, self-descriptive code.
- Using AI tools to boost productivity.
- Experience working in a multinational environment.

## Work History

- 2022/04 - present      **Senior Back-End Engineer**  
*CyberVadis, Warsaw, Poland*  
<https://cybervadis.com>  
**.NET / C# and F#, Azure (functions, ServiceBus, Configuration, KeyVault, databases), SQL Server, Docker**  
 Applied DDD approach to conceptualize, design, implement, and test new business features. Played a back-end developer role in a team responsible for managing and maintaining four core services, facilitating communication through messaging infrastructure. Actively engaged in identifying and resolving production issues flagged by the support department, contributing to ensuring system stability.
- 2020/12 - 2022/04      **Senior Back-End Engineer**  
*Ilabo, Warsaw, Poland*  
<https://ilabo.com>  
**.NET / C#, Azure, EventFlow, CosmosDB, Redis, SQL Server, Docker, Kubernetes**  
 I was responsible for the design and implementation of new features. The system was divided into several services. Leading a team of developers I designed and implemented some of the core ones. I was also actively working on improving the development process.
- 2019/08 - 2020/12      **Senior Back-End Engineer**  
*Appfire, Gdansk, Poland*  
<https://appfire.com>  
**.NET / C#, Node.js, TypeScript, Google Cloud Platform**  
 Worked on the top company product - TFS4JIRA - a solution to synchronize between Azure DevOps and Jira. A product oriented company where I spent much time on design and

# Łukasz Łepecki

Senior Back-End  
Engineer



## Personal Info

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### LinkedIn

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### GitHub

github.com/llepecki

### Website

lepecki.com

## Skills

core

★★★★★

competencies:

- .NET / C# and F#
- object-oriented programming
- functional programming
- system design

data analysis. Frequent direct contact with clients was also a part of my job.

2018/02  
- 2019/08

### Senior Full-Stack Engineer

*ABB – Library, Cracow, Poland*

<https://library.abb.com>

**.NET Core / C#, ASP.NET Web API, React, Azure, SQL Server, Entity Framework**

Portal for searching and storing technical documentation for the whole corporation. Work equally divide between backend and frontend. Strong focus on application safety and performance. The project involved big data volumes.

2016/09  
- 2018/02

### Senior Back-End Engineer

*SDC A/S – ERP Eika, Warsaw, Poland*

<https://www.sdc.dk>

**.NET / C#, ASP.NET Web API, WCF, ASP.NET MVC, Angular**

Implementation of the PSD2 directive. Financial institutions will be obliged to expose web interfaces for user bank account management and the system was to handle such calls in a safe and secure manner.

2015/05  
- 2016/09

### Senior Full-Stack Engineer

*KMD Poland Sp. z o.o. – AnyPay, Warsaw, Poland*

<https://www.kmd.net>

**.NET / C#, ASP.NET Web API, Angular, MS SQL Server, Entity Framework**

The core of a financial system for mobile payments in Denmark. The system was created from scratch and will become a part of the existing infrastructure. The core part was happening on the backed site but the project also involved frontend areas for internal usage.

2014/11  
- 2015/04

### Back-End Engineer

*Canon Ophthalmic Technologies Sp. z o.o. – OPS, Wroclaw, Poland*

<https://www.canon-ot.com.pl>

**.NET / C#, WPF, WCF**

A desktop application for performing ophthalmic examinations. Since it was an application used in human medicine the requirements had to be strictly followed and high reliability was required.

system design: ★★★★★

- domain-driven design
- CQRS
- event sourcing
- design patterns
- distributed systems
- messaging patterns
- microservices
- API design
- RESTful APIs

databases: ★★★★★

- SQL
- Microsoft SQL Server
- CosmosDB

cloud: ★★★★★

- Microsoft Azure
- Amazon AWS
- Google Cloud Platform

testing: ★★★★★

- test-driven development
- performance and memory profilers
- unit and integration testing

frontend: ★★★★★

- JavaScript
- TypeScript
- Node.js
- React

CI/CD: ★★★★★

- Azure DevOps
- Terraform
- TeamCity
- Jenkins
- Git

project frameworks: ★★★★★

- Scrum
- Kanban

## Languages

English - C1

- 2013/11  
- 2014/11      **Back-End Engineer**  
*Scientific Games – DaVinci, Cracow, Poland*  
<https://www.scientificgames.com>  
**.NET / C#, ASP.NET, web services, MS SQL Server, NHibernate**  
An international project the modules of which were being created by teams from three countries. The project required tight cooperation with other teams and a lot of integration work. Most focus was on implementation of a web services that were meant for governmental institution.
- 2013/08  
- 2013/11      **Back-End Engineer**  
*UBS – Strategy Centre, Cracow, Poland*  
<https://www.ubs.com>  
**.NET / C#, WPF**  
Worked on an extensive window application, used internally by traders of one the largest investment banks. Work was equally divided into implementing new features and fixing bugs.
- 2013/01  
- 2013/08      **Back-End Engineer**  
*Novomatic Technologies Poland – Random Number Provider, Cracow, Poland*  
<https://novomatic-tech.com>  
**.NET / C#, WPF**  
Designed and developed main module of the system, which was responsible for generating random numbers, securing them from sniffing and modification and distributing among clients, i.e. gaming devices. Key goals were to make the module tamper-proof and efficient.
- 2012/06  
- 2013/06      **Back-End Engineer**  
*Novomatic Technologies Poland – Game Download System, Cracow, Poland*  
<https://novomatic-tech.com>  
**.NET / C#, ASP.NET MVC, web services, JavaScript, MS SQL Server**  
Redesigned and refactored an existing system in order to make it suitable for new markets. The purpose of the system was to enable users to perform remote software installation and configuration. The work included implementing new features and a brand new web UI.

- 2012/06  
- 2013/01
- Back-End Engineer**
- Novomatic Technologies Poland – NovoVLTech, Cracow, Poland*
- <https://novomatic-tech.com>
- .NET / C#, SQL Server, memory and performance profiling tools**
- Redesigned and developed parts of an existing system to increase scalability. The system was meant to gather data from gaming devices, process them and create statistics. The goal was to substantially increase performance so that much larger number of gaming devices could be handled.
- 2012/01  
- 2012/06
- Back-End Engineer**
- Novomatic Technologies Poland – Auto Cash Safe, Cracow, Poland*
- <https://novomatic-tech.com>
- C++Builder, C (embedded), MS SQL Server**
- Designed and developed a new module for an existing system. The module was a proxy between a large financial system and an ATM device that could withdrawal cash. The key goal was to ensure transaction safety and restrict access to the cash inside the ATM device.
- 2010/01  
- 2012/01
- Back-End Engineer**
- Novomatic Technologies Poland – Novoware Maintenance, Cracow, Poland*
- <https://novomatic-tech.com>
- C++Builder, MS SQL Server, Reporting Services, Crystal Reports**
- A maintenance project that involved fixing bugs and developing new features according to end users requirements. The product was a large distributed financial and management system used by many clients all over the world.
- 2009/06  
- 2010/01
- Test Automation Engineer**
- Novomatic Technologies Poland – Novoware Automated Tests, Cracow, Poland*
- <https://novomatic-tech.com>
- .NET / C#, C++, TestComplete, AutoIt, JavaScript**
- Developed numerous tools and automated test for QA division. Applications simplified tedious UI testing and

simulated real-life system overhead.

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## Education

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2004/10      Automation and Robotics, MSc  
- 2010/06      *AGH University of Science and Technology in Cracow,  
Cracow, Poland*  
  
                 <https://www.agh.edu.pl>  
  
                 thesis: **OCR Neural Network Implementation on an  
Embedded Device**  
  
                 stack: C++, .NET (C#, C++/CLI), embedded

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## Certificates

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2024/04      Professional Scrum Developer™ I (PSD I)  
  
                 *Scrum.org*  
  
                 [https://www.credly.com/badges/a95f1e0b-b913-4124-  
96c5-99265c2bdea6](https://www.credly.com/badges/a95f1e0b-b913-4124-96c5-99265c2bdea6)  
  
2010/01      Certified Tester Foundation Level (CTFL)  
  
                 *ISTQB*

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## Courses

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2011/01      Agile Development – Introduction to Scrum  
2012/01      Agile Development – Introduction to Kanban

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## Projects

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2016/10      Academic Teacher  
- 2016/12      *Warsaw University of Information Technology*  
  
                 Invited to conduct classes about software design, i.e.  
                 object oriented programming and design patterns.  
  
2013/06      Instructor  
- 2014/01      *Novomatic Technologies Poland*  
  
                 Volunteered to prepare presentations and conduct classes  
                 about design patterns for my teammates.  
  
2011/06      Academic Teacher  
- 2012/01      *AGH University of Science and Technology in Cracow*  
  
                 Invitation from my Alma Mater to conduct series of classes  
                 about software design and agile processes.