

- 📅 Over 14 years of experience as a software engineer.
- 💻 Microsoft .NET oriented, but easily capable of switching to other technologies.
- 🔗 Pragmatic development: leveraging simple solutions to achieve business goals while remaining open to adapt and scale.
- ⚙️ Particularly interested in domain-driven design, API development, distributed systems and microservices.
- ☁️ Skilled in architecting and implementing cloud solutions.
- 💡 Deep understanding how to design maintainable systems and write clear, self-descriptive code.
- 📈 Strong focus on the agile process and its constant improvement.
- 🤖 Using AI tools to boost productivity.
- 🌐 Experience working in a multinational environment.

Work History

- 2024/06 - present Senior Back-End Engineer
Tributech, Linz, Austria
<https://www.tributech.io>
.NET / C#, PostgreSQL, Redis, Keycloak, Docker, Kubernetes
- Build and maintain APIs that enable external clients to integrate with our systems
 - Improve system performance through scalability optimizations and security hardening
 - Handle DevOps responsibilities including deployment pipelines and infrastructure management
- 2022/04 - 2024/06 Senior Back-End Engineer
CyberVadis, Warsaw, Poland
<https://cybervadis.com>
.NET / C# and F#, Azure (functions, ServiceBus, Configuration, KeyVault, databases), SQL Server, Docker
- Apply Domain-Driven Design to deliver new business features from concept through implementation
 - Develop and maintain core backend services that communicate via messaging infrastructure
 - Troubleshoot and resolve production issues escalated by support, ensuring system stability and uptime
- 2020/12 - 2022/04 Senior Back-End Engineer
Ilabo, Warsaw, Poland
<https://ilabo.com>
.NET / C#, Azure, EventFlow, CosmosDB, Redis, SQL Server, Docker, Kubernetes

Łukasz Łepecki

Senior Back-End Engineer



Personal Info

Phone

+48 798475077

Email

lukasz@lepecki.dev

LinkedIn

linkedin.com/in/llepecki

GitHub

github.com/llepecki

Website

lepecki.com

Skills

core

★★★★★

competencies:

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

- Lead a development team in designing and implementing core microservices within a distributed system
- Drive feature development from technical design through production deployment
- Improve development processes and workflows to increase team productivity

2019/08 Senior Back-End Engineer

- 2020/12 *Appfire, Gdansk, Poland*

<https://appfire.com>

.NET / C#, Node.js, TypeScript, Google Cloud Platform

- Develop TFS4JIRA, the company's flagship synchronization solution between Azure DevOps and Jira
- Analyze data and design technical solutions to meet product requirements and user needs
- Collaborate directly with clients to gather feedback and ensure product-market fit

2018/02 Senior Full-Stack Engineer

- 2019/08 *ABB – Library, Cracow, Poland*

<https://library.abb.com>

.NET Core / C#, ASP.NET Web API, React, Azure, SQL Server, EF Core

- Build a corporation-wide technical documentation portal handling large-scale data volumes
- Develop full-stack features with equal focus on backend services and frontend interfaces
- Optimize for security and performance to support enterprise-level usage and data processing

2016/09 Senior Back-End Engineer

- 2018/02 *SDC A/S – ERP Eika, Warsaw, Poland*

<https://www.sdc.dk>

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

- Implement PSD2-compliant APIs enabling secure third-party access to banking services
- Build authentication and authorization systems to protect user financial data
- Ensure regulatory compliance while maintaining high security standards for account management operations

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

- 2015/05 Senior Full-Stack Engineer
- 2016/09 *KMD Poland Sp. z o.o. – AnyPay, Warsaw, Poland*
<https://www.kmd.net>
.NET / C#, ASP.NET Web API, Angular, MS SQL Server, EF Core
- Build the core backend system for a mobile payment platform serving the Danish market
 - Architect greenfield solution designed to integrate with existing financial infrastructure
 - Develop internal admin tools and dashboards for system management and monitoring
- 2014/11 Back-End Engineer
- 2015/04 *Canon Ophthalmic Technologies Sp. z o.o. – OPS, Wroclaw, Poland*
<https://www.canon-ot.com.pl>
.NET / C#, WPF, WCF
- Develop desktop application for ophthalmic examinations meeting strict medical device requirements
 - Ensure high reliability and compliance with healthcare regulations for clinical use
 - Implement rigorous testing and validation processes required for medical software
- 2013/11 Back-End Engineer
- 2014/11 *Scientific Games – DaVinci, Cracow, Poland*
<https://www.scientificgames.com>
.NET / C#, ASP.NET, web services, MS SQL Server, NHibernate
- Develop web services for government institutions as part of an international project spanning three countries
 - Coordinate with distributed teams across multiple time zones to ensure seamless module integration
 - Design and implement APIs that meet governmental security and compliance requirements
- 2013/08 Back-End Engineer
- 2013/11 *UBS – Strategy Centre, Cracow, Poland*
<https://www.ubs.com>
.NET / C#, WPF
- Develop and maintain trading desktop application for

Languages

English - C1

Polish - C2

one of the largest investment banks

- Deliver new features to support trading operations and workflows
- Debug and optimize application performance to ensure reliability during market hours

2013/01

Back-End Engineer

- 2013/08

Novomatic Technologies Poland – Random Number Provider, Cracow, Poland

<https://novomatic-tech.com>

.NET / C#, WPF

- Design and develop core RNG (Random Number Generation) module for gaming system infrastructure
- Implement cryptographic security to prevent sniffing and tampering of generated numbers
- Optimize distribution system to efficiently serve multiple gaming devices while maintaining tamper-proof operations

2012/06

Back-End Engineer

- 2013/06

Novomatic Technologies Poland – Game Download System, Cracow, Poland

<https://novomatic-tech.com>

.NET / C#, ASP.NET MVC, web services, JavaScript, MS SQL Server

- Refactor remote software deployment system to support multi-market expansion
- Enable remote installation and configuration capabilities for distributed environments
- Build new web UI to modernize user experience and improve system accessibility

2012/06

Back-End Engineer

- 2013/01

Novomatic Technologies Poland – NovoVLTech, Cracow, Poland

<https://novomatic-tech.com>

.NET / C#, SQL Server, memory and performance profiling tools

- Scale data ingestion system to handle significantly larger volumes of gaming device telemetry
- Redesign data processing pipeline for real-time statistics generation and analytics
- Achieve substantial performance improvements enabling support for expanded device fleet

- 2012/01 Back-End Engineer
- 2012/06 *Novomatic Technologies Poland – Auto Cash Safe, Cracow, Poland*
<https://novomatic-tech.com>
C++Builder, C (embedded), MS SQL Server
- Develop proxy module connecting ATM hardware with core banking system infrastructure
 - Implement transaction security protocols to ensure safe cash withdrawals and prevent fraud
 - Design access controls and authentication mechanisms to protect ATM cash reserves
- 2010/01 Back-End Engineer
- 2012/01 *Novomatic Technologies Poland – Novoware Maintenance, Cracow, Poland*
<https://novomatic-tech.com>
C++Builder, MS SQL Server, Reporting Services, Crystal Reports
- Maintain and enhance global financial management system serving international client base
 - Deliver feature updates based on end-user requirements across diverse markets
 - Troubleshoot and resolve issues in distributed architecture to ensure system reliability
- 2009/06 Test Automation Engineer
- 2010/01 *Novomatic Technologies Poland – Novoware Automated Tests, Cracow, Poland*
<https://novomatic-tech.com>
.NET / C#, C++, TestComplete, AutoIt, JavaScript
- Build automated testing tools to streamline QA workflows and reduce manual UI testing
 - Develop load testing simulators to validate system performance under real-world conditions
 - Enable QA team to increase test coverage while reducing testing cycle time

Education

- 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**

Certificates

2025/07	<p>AI_devs 3 Reloaded</p> <p><i>AI Devs (https://aidevs.pl)</i></p> <p>https://credsverse.com/credentials/c55c2e6e-7043-4eea-b0fb-f005c6a4d2de</p> <ul style="list-style-type: none">• AI Agents• Large Language Models (LLM)• Large Language Model Operations (LLMOps)• Vector Databases• Graph Databases
2025/05	<p>Game Theory</p> <p><i>Stanford University</i></p> <p>https://www.coursera.org/account/accomplishments/verify/1Y9GRREZTEC0</p> <p>The course covered the following concepts:</p> <ul style="list-style-type: none">• Mixed-Strategy Nash Equilibria• Alternative Solution Concepts• Extensive-Form Games• Repeated Games• Bayesian Games• Coalitional Games
2024/04	<p>Professional Scrum Developer™ I (PSD I)</p> <p><i>Scrum.org</i></p> <p>https://www.credly.com/badges/a95f1e0b-b913-4124-96c5-99265c2bdea6</p>
2010/01	<p>Certified Tester Foundation Level (CTFL)</p> <p><i>ISTQB</i></p>

COUR

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

Projects

2016/10 - 2016/12	<p>Academic Teacher</p> <p><i>Warsaw University of Information Technology</i></p> <p>Invited to conduct classes about software design, i.e.</p>
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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.