

Curriculum Vitae

Pawel Sawicz

PERSONAL INFORMATIONS

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PROFILE

Engineering Lead specialising in distributed systems and building products. Crazy about learning new things, but balanced when taking a risk. In spare time trying to understand type theory and constructive logic. Heavily involved in .NET community, co-organizer virtual conference, moreover attendee and speaker of several conferences around Europe.

WORK EXPERIENCE

PERIOD	January 2021 — Present	
EMPLOYER	Checkout.com	London, United Kingdom
JOB TITLE	Engineering Lead - Arundel Squad	

Leading a squad of 5 developers. Being responsible for mentoring, managing and paving a technical vision for reconciliation product. Successfully delivered reconciliation product that decreased manual effort of reconciling transactions from 6 working hours per day to 15 minutes with a cover of 65 % of Checkout transaction volume.

Helping Checkout to scale world wide with right reconciliation tools that will cover all world transactions.

Technologies:

- DevOps (AWS, Terraform, Docker)
- Messaging (SQS, SNS, Kinesis),
- Coding (.NET/C#)
- Monitoring/Logging (Prometheus, DataDog, Grafana)

PERIOD **September 2019 — January 2021**
 EMPLOYER **Checkout.com** London, United Kingdom
 JOB TITLE **Senior Software Engineer - FORT team**
 Building reconciliation products for the finance department within Checkout. Working with the team on architecture design, mentoring peers, heavily involved in the recruitment process. Being involved in shaping team structure.
 Top projects:

- Transaction alerting product. Product that runs business checks on all transactions (i.e Has a transaction been successfully sent to clearing within T+1)
- Debtor rolling position. Reporting product showing how much money Checkout owns to card schemes (Visa/Mastercard)

 Technologies:

- DevOps (AWS, Terraform, Docker)
- Messaging (SQS, SNS, Kinesis),
- Coding (.NET/C#)
- Monitoring/Logging (Prometheus, DataDog, Grafana)

PERIOD **March 2016 — August 2019**
 EMPLOYER **Zopa** London, United Kingdom
 JOB TITLE **Software Engineer**
 Worked on the core part of Zopa business. Being exposed to all parts of Zopa business (Bank, Borrowing, Lending). Being involved and leading architectural decisions across the whole business.
 Top project:

- Rolling out new loan algorithm impacting 95% of existing loan book (4.5bln pounds)
- Zopa Auto product, greenfield project that is adopted by the Car industry, revolutionising car loan industry (Adopted by all major players) est. market cap 10bln pounds.
- Enabled Zopa Bank launch by working on key projects.
- Involved in the recruitment process, being involved in around 200 interviews at various stages (code review, phone interview, face to face).
- Responsible for extracting microservices out of the monolith.

 Technologies: CQRS, EventSourcing, DDD, Jenkins, Packer, Splunk

PERIOD July 2014 — February 2016
EMPLOYER JustGiving London, United Kingdom
JOB TITLE API Developer / Evangelist
 Being involved in forming API team and shaping its form. I am very proud to have founded and grown the community around the JG public api. I helped out and hosted events and international hackathons. To technical side of role belonged: creating architecture of API, maintaining and monitoring health of API, supporting customers in case of technical problems. Many contribution to core JustGiving codebase, re-factoring old parts of API, writing TDD. Overview of technologies: NancyFx, WebApi, Owin, ASP. MVC, Microservices, CQRS. Heavily worked in cloud environment, Amazon Web Services, used tools like : Raygun, Kibana, Chef, Vagrant, GO CD

PERIOD July 2013 — June 2014
EMPLOYER Neurosys Wroclaw, Poland
JOB TITLE Junior .NET Developer
 Involved in maintaince and development of new features. Writing unit tests to cover fragile parts of the code. Worked as fronted and backend developer. Responsible for implementing RWD in two projects, worked with knockout and ASP.NET MVC/Web API

PERIOD June 2011 — September 2011, August 2012 — September 2012
EMPLOYER Chroma.pl Zary, Poland
JOB TITLE Junior .NET Developer
 Responsible for one major feature addon. Created unit test to cover code. Worked with 'linq to excel' library. Prepared SQL queries. Created library that checks the e-mail, by RCPT protocol.

EDUCATION

PERIOD October 2011 — February 2015
DEGREE Bachelor of Science
UNIVERSITY Wroclaw University of Technology
FIELD Electronic & Telecommunication

PERIOD October 2018 — January 2022
DEGREE Master of Science
UNIVERSITY University of Oxford
FIELD Computer Software Engineering

ACTIVITIES

- **Active member of .NET Group (PWr Wroclaw)**

- **Imagine Cup participant (2012, 2013 editions)**

- 2012 edition - Tourist Guide

Web application which provide information about travelling and sightseeing.

- 2013 edition - BusCatcher

Windows Phone 7 application which use external API to gather information about current position of public transport vehicles

- **dotNetConfPL co-organizer**

First polish virtual conference about .net - 200 attendees

LANGUAGES

ENGLISH	Fluent
POLISH	Native