

Piotr Styczyński

Double CTO | 11 yr experience | Ex-TikTok & Unicorns Eng | 🇵🇱❤️

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Experience



Affirm

Staff Software Engineer

01/2023 - 08/2023 (7 months)

- Leading merchant experience teams. Developing internal systems for merchants' support.
- Our internal service provided yearly savings for Affirm on support efforts exceeding \$4.3M.
- Oversight over technological direction, supporting 3 main merchant experience teams.
- Team support and oversight
- Developing features, feature planning, deployment, monitoring
- Ensuring best practices are implemented



Deepflare

Chief Engineering Officer | Co-founder

05/2021 - 01/2023 (1.5 years)

- Alone developed MVP (I was engineer and founder at the same time), later transitioned system to a full-grown product by myself. Hired teams to bring the company to 20 employees.
- Performed fundraising and got €3M raised.
- Co-founded biotech startup with multimilion evaluation
- Created few useful providers for Terraform <https://github.com/styczynski/terraform-provider-kubectl-query>
- Observability stack - Prometheus (created few customized exporters e.g. <https://github.com/styczynski/airflow-prometheus>), Grafana with Loki, Datadog, Sentry
- Creating and maintaining data pipelines (Airflow + dbt, K8S Jobs, Azure Batch, PostgreSQL, Redis, Python, Docker, DVC) e.g. I did this <https://github.com/joednkn1/airflow-dvc>
- Responsible for entire MLOps pipeline for new ML models research (MLFlow, Neptune, Azure Batch)



AiFi

Software Engineer

08/2020 - 05/2021 (9 months)

- Aifi is a leading startup helping with adoption of automated convenient store infrastructure.
- I was for example working with deployments in Żabka Nano stores.
- Creating and deploying internal annotation system (Typescript, Python, Gitlab CI)
- Designing ML/Analytics pipeline for the annotated and generated datasets (Airflow, Docker, Python)



Bytedance

Backend Engineer

02/2018 - 08/2020 (2.3 years)

- Led a team that was implementing internal system for visual data annotation.
- Most of the well-known filters (models) were trained on datasets going through our system, affecting +1B users.
- Designing and implementing tools to support AI teams in their daily work
- Design/implementation of an internal system for data annotation (images/videos) and pipeline management (Go, Python, Typescript)
- Responsible for the entire MLOps pipeline for new computer vision models (Bash, Terraform, Python, Thrift, C++, Typescript, Go, containerd, Prometheus, Grafana)



Meet IT

Product Owner | Frontend Lead

01/2017 - 02/2018 (1 year)

- Helping with adoption of Computer Science among high-schoolers.
- FE/design team leader (Typescript, React, RxJs, C#)



Sumo Logic

Mid Engineer

05/2016 - 01/2017 (8 months)

- As a result of my work, the page bundle was reduced in size by +20%, improving +2100 clients satisfaction (better experience for the users and tons of money saved).
- Optimize transpilation of existing codebase - writing effective TSX transformer plugins (from things that @babel/preset-env does to selective transpilation of code)
- Benchmarking and optimizing old codebase - Backbone, JQuery, AngularJS, React
- Creating Typescript microservices, implementing new frontend features



Goldman Sachs

Full-Stack Engineer

10/2015 - 05/2016 (7 months)

- As a result of my work the UI/UX team got new reusable components package and overall visibility of the +200TB data/day from entire company was greatly improved.
- Design, implementation of data flow visualization and processing metrics for the distributed system (over +200 machines in all clusters and flow of ~100TB/day)
 - The service used React, Java with Spring, Zipkin (for event tracing), Elasticsearch and Ignite.
 - Created extensive component library for React for internal use in the process



Checkraise Brazil

Fullstack Developer

07/2014 - 10/2015 (1.1 years)

- Developing brazilian poker game from scratch to 1M active users as a founding engineer for San Francisco startup
- Creating typescript microservices, React frontend, custom communication protocols via web sockets
 - Created frontend from scratch



Students Coin

Backend Developer

03/2013 - 07/2014 (1.2 years)

- Designing core infrastrure for the one of the major altcoins originating from Poland, affecting 200k users.
- Implement frontend/backend for the wallet management system
 - Design architecture and implement frontend/backend for the public cryptoexchange (TS/Rust/Postgres)
 - Developing internal utility systems for the StudentCoin team (TS/Rust)



Open source

Open Source Developer

04/2012 - 03/2013 (11 months)

- Working on various open-source software packages. Example package written by me got 180k downloads, 140 stars on atom.io and 96 stars on GitHub.

Education

University of Warsaw

MSc in Computer Science

Since 01/2023 (Present)

In progress

University of Warsaw

BSc in Computer Science

01/2016 - 01/2019 (2.8 years)

Completed with diploma grade 4 out of 5