

PROFESSIONAL EXPERIENCE

[SardineAI](#) (US, remote from Argentina) | Senior Software Engineer (Full-time, Mar 2023 - Present)

One platform for fraud, payments, and compliance, used by [Coinbase](#), [Blockchain](#), [Gemini](#), [CarMax](#), [MetaMask](#), [Kraken](#), [Brex](#), [Exodus](#)

- Co-engineered ML infrastructure, designed its APIs, integrated with Google Vertex, improving model deployment speed by 50%
- Created [fraud engine rule templates library](#), sped up onboarding of new clients by 2x, decreased number of support tickets
- Implemented activity reports management cycle integration with FinCEN, decreasing report filing time from days to minutes
- **Stack:** Golang, Python, Protobuf, Typescript, React, PostgreSQL, Redis, Google Cloud Platform, BQ, BT, Terraform, Docker

Contract (Dubai, remote from Argentina) | Senior Software Engineer (Full-time, Jan - Mar 2023, 3 months)

Mainly worked on [OneTrack](#), a project to aggregate and run digital ads traffic analytics from different sources for EU companies.

- Moved ad events processing infrastructure from MongoDB to AWS DynamoDB, which reduced cloud infrastructure costs by 50%
- Created 20+ cloud (Lambda) functions to interact with ad data, which laid the foundation of the system APIs
- Engineered data aggregation pipeline for ad reports with 100 000+ daily ad interactions from providers like Meta (Facebook)
- **Stack:** Golang, AWS Lambda & DynamoDB, HTTP streaming, Docker, REST

[FundraiseUp Inc.](#) (US, Remote) | Senior Software Engineer (Full-time, June 2021 - December 2022, 1 year 7 months)

Donation system engineered for online fundraising, used by [UNICEF](#), [American Heart Association](#), [The Salvation Army UK](#), etc.

- Co-engineered new 3-mode version of [donation widget](#) (Vue.js -> React): improved widget's TTI (time-to-interact) metric by 30%
- Developed [crypto](#) and [stock](#) donations (UI, REST APIs & integrations): online stock donation functionality is the first in the world
- Co-created [system-wide localisation](#) (data architecture): allowed [UNICEF](#) to use the unified donation platform and expand in EU
- Added synchronization between main system and [translation service](#): automated translations delivery, previously done manually
- Implemented [peer-to-peer fundraising](#) (UI & REST APIs), allowed companies like **Apple** internal fundraising events, competitions
- **Stack:** Typescript, Node.js, React, Vue.js, MongoDB, Redis, Websocket, Docker, HTTP

[Muffins LLC.](#) (US, Hybrid) | Software Engineer (Full-time, June 2020 - June 2021, 1 year 1 month)

Remote team of highly-skilled engineers, working for clients like [GoPro](#), [Y Combinator](#), [RightWay Healthcare](#) and [Square](#), etc.

- Deal processing system for real-estate agents in Melbourne, Australia
 - Architected 5 stages - proposal, negotiations, legal regulations, etc: average deal completion time reduced by 70%
 - Designed 2 prototypes with AWS and native filesystem data sync: real-time interaction with delays <2 seconds
- Platform for food products calculation and management for a client in Berlin, Germany
 - Created algorithm for product calculation with 7+ compositions (basic and compound ingredients): 5 sec execution time
 - Engineered intermediate caching for product calculation (composition, nutrients, vitamins, allergens, additives)
 - Implemented UI and server side of products admin panel (product brands, price, nutrient values to use in calculation)
- **Stack:** Typescript, Node.js, Vue.js, GraphQL, PostgreSQL, Websocket, Docker, HTTP

Contract (Germany, Remote) | Software Engineer (Full-time, Dec 2018 - May 2020, 1 year 6 months)

Joined [Mediapark](#) & [Ronas IT](#) development agencies, working for clients like [Red Bull](#), [Vodafone](#), [Danske Bank](#), etc.

- Implemented 30+ various scripts for business automation (e.g. employees' performance & salaries reports, proxy servers)
- Engineered aggregation & storage service for 100k+ landing pages:
 - Developed UI for admin (back office) and main public resource, which withholds 1k+ daily users in the first 3 months
 - Designed API structure and image upload mechanism, which laid the foundation for project
- **Stack:** Golang, Shell, Typescript, Vue.js, Angular.js, gRPC & Protobuf, PHP (Laravel), Websocket, Docker, HTTP

[Fraunhofer IZM](#) (Berlin, Germany) | Mechatronics Engineer (Part-time, Sep 2017 - Nov 2018, 1 year 3 months)

One of the world's leading institutes for applied research, development and system integration of robust and reliable electronics.

- Engineered workstation for Zumbach 3D fiber shape measurements and developed a LabView UI & data visualization for ANDO Spectrometer to measure light focal points in fiber, which automated the R&D of the world's smallest optical sensor
- **Stack:** C, LabView, SolidWorks

EDUCATION

University of Applied Sciences Technology & Economics, Berlin (2016 - 2019) (Withdrew)

Bachelor of Engineering — Engineering Informatics (Ingenieurinformatik)

Ranked 2nd in Mechanical engineering & Informatics in Germany (WirtschaftsWoche, 2022)

LANGUAGES

English - C1 (IELTS 7.5) • German - C1 (TestDaF 4.4.4.4) • Spanish - C1 • Russian - native

VOLUNTEERING

[Alzheimer Ontario Society](#) (2013-2014) • [Terry Fox Run](#) (2013-2015) • [Amnesty International](#) (2015)

HOBBIES

Crossfit • Swimming • Cycling • Roller Skating • Chess