

## PROFESSIONAL EXPERIENCE

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

One platform for fraud, compliance, and payments, used by [Blockchain](#), [MetaMask](#), [Brex](#), etc.

- **Stack:** Golang, Protobuf, Typescript, React, PostgreSQL, Redis, BigQuery, Google Cloud Platform, Docker, REST

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

One of the biggest projects: [OneTrack](#). Aggregation and analytics of digital ads traffic from different sources for companies in the EU.

- 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 6 months)

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

- 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
- 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)

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: estimated 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): decreased time for calculation from 30 minutes manually to 15-150 seconds, depending on final product composition
  - 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.

- Built a UI for customer & employee database management for house services platform (house chores)
- 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, 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 2 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 (programming language), LabView, SolidWorks

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## EDUCATION

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

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 - B1

## VOLUNTEERING

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

## HOBBIES

Crossfit • Swimming • Cycling • Roller Skating • Chess