

DAMIAN ŚWISTOWSKI

PERSONAL INFORMATION

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I am software developer with 15+ years of experience in the industry. I have worked on a wide range of projects, from small web applications to large enterprise systems. I am a polyglot programmer, but I have a particular interest in python, typescript and distributed systems.

WORK EXPERIENCE

Genie AI
REMOTE
Oct 2023-Oct 2024 **Software Engineer**
Developed backend services with a focus on enhancing testability.
Automated continuous delivery pipeline and streamlined building dependencies process.
Integrated with multiple exchanges and blockchains including Deribit, OKX and Solana.
Expanded asset metric portfolio ensuring efficient calculation methods.
python • fastapi • kubernetes • terraform • postgresql • typescript • react • graphql • rest api

Babylon Health
LONDON
2022-2023 **Staff Engineer**
Designed and constructed the 3rd generation of the Babylon conversation platform for asynchronous messaging.
Developed GraphQL API for northbound traffic and Rest API for east-west traffic.
Create Conversation Platform Test Runner, a tool for defining requirements and tests in Domain Specific Language. COPteR provides an abstraction to have stable acceptance tests for the whole product, with fraction-less integration with Babylon testing infrastructure.
python • fastapi • kubernetes • elasticsearch • kafka • typescript • react native • graphql • rest api

Babylon Health
LONDON
2020-2022 **Engineering Manager**
Managed 3-6 direct reports, adapting to team size.
Collaborated with stakeholders and product managers to define roadmap and priorities.
Successfully replaced 1st generation Babylon conversation platform with 2nd generation seamlessly.
Ensured strict compliance with SSDLC and best practices within the team.
Advocated for a balanced workload to prevent technical debt accumulation.
Aligned team deliverables with client requirements through rigorous oversight.
Conducted knowledge-sharing pairing sessions with team members.

python • flask • kubernetes • terraform • postgres • redis • kafka • typescript • rest api

2019-2000 Senior Software Engineer

Babylon Health
LONDON

Designed migration plan from 1st generation monolith to 2nd generation microservices for Babylon conversation platform

Developed CLI tools to facilitate integration with the Conversation Platform for internal and external teams.

python • flask • kubernetes • terraform • postgresql • redis • kafka • rest api

2019 Senior Software Engineer

B2C2
LONDON

Created the Trade History collecting system

Implemented REST API crawler as cloud task and processed raw data using stateless procedures

Integrated with multiple exchange APIs

python • aws • lambda • sqs • elasticache

2017-2019 Senior Python Developer

Springer Nature
LONDON

Built and improved internal CI/CD system and tools

Managed migration of legacy code to Python3

Defined build pipelines for other teams with simplified build steps

Created tooling for Cloud Foundry deployments

python • OpenStack • CloudFoundry • celery

2015-2017 Senior Engineer

Shortlist
SAN FRANCISCO
(REMOTE)

Developed backend for the workforce management platform project.

Collaborated with frontend engineers to create a functional REST API.

Designed and implemented a data model for the system.

python • django • postgresql • django rest framework • javascript • angular • rest api

2012-2015 Senior Python Developer

ZedMedia
GLOBALLY
(REMOTE)

Maintained a Django-based applications.

Implemented a scoring algorithm for articles to be displayed in a different section of the service.

Extended and maintained database models.

Developed tools to facilitate A/B testing.

python • django • postgresql • javascript • perl

2010-2012 Senior Python Developer

Intelligent Elite
BARCELONA

Developed an A/B testing suite with in-depth user behavior statistics.

Enhanced the mailing system.

python • django • postgresql • solr • mongodb

OMS
BIELSKO-BIALA,
POLAND

2008-2010 Python Developer
Design and implement a production management system
Managing a team of 4 junior engineers
python · django · mysql

Gery Design
WROCLAW,
POLAND

2007-2008 PHP Junior developer
Migrate old PHP projects to the Django framework
Maintenance and optimization of existing projects
php · javascript · python · django · None

EDUCATION

Master of
Computer Science

2005 - 2007 The University of Silesia, Katowice
· Computer Science and Materials Science
Thesis: *Particle Swarm Optimization in finding function minimum*

Bachelor of
Computer Science

2002 - 2005 The University of Silesia, Katowice
· Computer Science and Materials Science
Thesis: *Developing an electronic repository for undergraduate theses*

PUBLICATIONS

kaeiog

2006 Comparative Study: ACO and EC for TSP
The paper concentrates on the Traveling Salesman Problem solved by evolutionary and ACO algorithms

OTHER INFORMATION

Communication
Skills

2019 · PyCon UK
c?attrs how use it with rest microservices

Interests

Hiking · Social dancing · Cooking · Video Games