

Jonathan Schweder

System's Development Engineer

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SUMMARY

Experienced Software Engineer with extensive IT experience. Skills include proficiency in many programming languages, virtualization, analytic thinking and creative problem-solving. Able to apply customer service concepts to IT to enhance user experience for customers, employees and administration.

WORK

System's Development Engineer / Mar 2020 - current

Dublin - Ireland

Developed workflow tools to deal with hundreds of thousands of network devices every day.

Python PostgreSQL DynamoDB CloudWatch
CloudFormation Lambda S3 EC2 ECS

Software Engineer / Feb 2019 - Mar 2020

Pantacor - London, UK

Worked on IoT management platform to enable customer to build, deploy and monitor remote fleets.

Go Kubernetes Docker Kafka Grafana Prometheus
MongoDB

Software Engineer / Jun 2018 - Feb 2019

Eventials - Blumenau, Santa Catarina, Brazil

Built multiple web application to government, contractors, driving schools and license plate manufacturers. Built embed Linux application to audit driving exams.

Python Django PostgreSQL Redis ffmpeg
Video encoding

Software Developer / Sep 2014 - Jun 2018

Bludata - Blumenau, Santa Catarina, Brazil

Configured and simulated runs of different detector-particle beam interactions. Added a more robust track reconstruction algorithm (General Broken Lines) to the Proteus framework

PHP Laravel Sybase Delphi C# UVC

SKILLS

Languages: Python, Go, JavaScript, Ruby, Bash

Tools: Pandas, Numpy, Pyspark, AWS stack (EMR, Glue, QuickSight, ECS, EC2, S3, etc), Docker, Kubernetes

Other: Advanced problem-solver, Analytical and data-driven person, Clear communicator and excellent collaborator, Self-directed learner.

EDUCATION

Master's Degree Data Science - 2024*

University of Applied Sciences - Germany
Thesis TBD

MBA Software Engineer - 2020

XP Educação - Minas Gerais, BR

Thesis Design and development of a video streaming platform

Bachelor's Degree in Computer Science - 2015

Fundação Universidade Regional de Blumenau - Santa Catarina, BR

Thesis Automatic Pet Feeder Prototype using Raspberry Pi

AWARDS

- Ownership Award - As recognition for demonstrating ownership and deliver ahead of expectation to our customers in AWS.
- Eplus - Approval of project for incubation. Eplus aimed to be a national knowledge base to help teachers and students and democratize access to good study materials.

OTHER PROJECTS

- **Faker**, an open source library to generate fake data in Go with zero dependencies.
- My **personal blog** where I share my latest projects and learns.

ACTIVITIES / INTERESTS

Proactive about learning diverse things and happy to discuss those. Favorite activities are playing video games and travel to discover new countries.