Jonathan Schweder

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Software Engineer with 13+ years of experience designing, developing, and deploying robust software solutions. Skilled in full-stack development and DevOps practices. Passionate about writing clean, efficient code and collaborating cross-functionally to build high-quality products. Seeking Site Reliability Engineer, Software Engineer or similar roles where I can demonstrate my experience and full capacity to deliver the best experience to customers.

TECHNICAL SKILLS

Languages: Python, Go, Ruby, Typescript/Javascript, Shellscript, SQL, R

Cloud: EC2, Lambda, ECS, Docker, Kubernetes, Linux, Networking, CloudFormation, CDK, EventBridge, SNS, SQS, Step Functions, SWF, Amplify, API Gateway, CloudFront, Route 53, DMS, Prometheus, Grafana

Databases/Storage: DynamoDB, RDS, PostgreSQL, Amazon Timestream, Redis, S3, EFS, MongoDB

Big Data/Data Analytics: PySpark, AWS Glue, QuickSight, Athena, EMR, Amazon SageMaker, Tableau

EXPERIENCE

Amazon Web Services, Dublin, Ireland
System's Development Engineer, Mar 2020 - Present
- Automated internal compute capacity deployment, reducing manual setup steps by 90% and reduced time to build new regions by 30% globally.
- Maintained a high-scale internal workflow engine handling hundreds of thousands of network devices daily to auto-remediate and auto-mitigate network events on every AWS regions.
- Created system to automatically prioritize tickets based on network impact, reducing in 20% the number of large scale events that impact external customers.
- Reduced infrastructure costs 20% by optimizing usage for internal teams. Forecasted and tracked future usage to stay under budget.

Pantacor, London, UK
Software Engineer, Feb 2019 - Mar 2020
- Developed an IoT fleet management and deployment platform for enterprise customers for hundreds of customers in Europe.
- Implemented monitoring, logging, and tracing for microservices, improving incident response time in 30%.
- Managed Kubernetes clusters across cloud providers, increasing reliability and scalability while optimizing costs.

Eventials, Blumenau, Brazil
System's Analyst, Jul 2018 - Feb 2019
- Designed and deployed embedded Linux application for ultrasound live streaming to dozens of hospitals and clinics.
- Developed integrations to enterprise customers to increase leads in 20% Year-over-Year.
- Architected and executed strategic migration from legacy monolith to microservices, increasing feature delivery speed.

Bludata Software, Blumenau, Brazil
Software and Web Developer, Sep 2014 - Jul 2018

Pomerplast, Pomerode, Brazil
Software Developer, Feb 2010 - Sep 2014

EDUCATION

Master of Business Administration (M.B.A.) - Software Engineering
XP Educação, Belo Horizonte, Brazil, Jun 2018 - Oct 2020

Bachelor's Degree - Computer Sciences
FURB - Fundação Universidade Regional de Blumenau, Blumenau, Brazil, Jan 2010 - Jan 2015

[Google Data Analytics Professional Certificate](#)
Google, May 2023 – Oct 2023

HONORS & AWARDS

Ownership Award (2022) - Amazon Web Services

As recognition for demonstrating ownership and deliver ahead of expectation to our customers in AWS.

Startup Accepted for Incubation (2014) - *Instituto Gene*
Project "Eplus" accepted for incubation as a startup, with the goal of democratizing access to high-quality study materials and improving the ability of educators and learners to find necessary resources.