Douglas Chimento

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SUMMARY

Open Source contributor and Bitcoin Core contributitor. Seeking work within crypto industry as a Software Engineer/SRE. Automate all the things.

EXPERIENCE

Senior Platform Software Engineer, AppsFlyer Inc.   Jan 2020 – Oct 2022

Automate AWS infrastructure via SDK for company-wide deployments.

- Developer and infrastructure engineer for a staging/regression test environment. Hundreds of daily automated application deployments are used for automated testing. (GO, Python, Mesos, Consul)
- From commit to docker: automate company-wide docker image creation using containerd SDK in GO
- Develop custom terraform providers/modules to facilitate resource management
- Develop CoreDNS plugin for dynamic DNS lookups
- Create custom React applications for a service catalog framework: backstage

Infrastructure Software Engineer, Outbrain Inc.   Oct 2016 – Dec 2019

Developer and maintainer of company-wide JAVA RPC framework, metrics, and tracing.

- Design and implement JAVA library for distributed tracing with OpenTracing/Jaeger
- AWS infrastructure/backend engineer
- Migrate application from AWS to self-hosted kubernetes cluster
- Maintain Spring JAVA web system with Cassandra for tracking millions of clicks and impressions

Senior Software Engineer, Yodle (web.com)   Oct 2013 – Oct 2016

Developed and maintained a real-time processing engine.

- Migrated ETL from SQL to Java/Spring framework
- Reduced load on database by moving slow SQL queries to AWS's Elastic MapReduce framework
- Wrote a custom Gradle plugin to show code coverage for testing

Senior Software Engineer, TryPlay Inc   Jan 2013 – Oct 2013

Back-end engineer maintaining a 24/7 music streaming site.

- Amazon AWS cloud engineer (VPC, EC2, RDS, Cloudfront, S3)
- Integrate 3rd-party REST APIs into TriPlay's web application (concerts, weather, artist biography, pricing of music)
- Wrote custom Java debugger using Java Platform Debugger Architecture (JPDA) API

Software Engineer, Lime Brokerage LLC   Jun 2009 – Jan 2013

Real-time reporting engineer for a high frequency trading platform.

- Constructed a data warehouse growing at ~5 billion orders per week
- Custom C++ application to parse binary data with regex support
- Developed Java API to store and access ~500,000 files across multiple machines

PROJECTS

- Bitcoin Core Contributor
- Creator of educational site https://pro-bitcoin.io
- logzio-go library for logz.io
- Arch Linux AUR packages

SKILLS

- AWS, Infrastructure as code, GO, Python, JAVA, CPP, SQL, All Things Linux
- ESP8266 hackery (IoT firmware tinkering)

EDUCATION

EXPERIENCE (CONTINUED)

Dispute Conultant & Data Analyst, Deloitte   **May 2007 – Jun 2009**

Financial fraud and dispute investigator responding to court order deadlines.

- Based in Munich, Germany for 18 weeks for an international bribery case
- Developed MAPI toolkit to automate data parsing of Outlook PST files
- Designed and developed rules framework to detect money laundering

Technical Investigator, Fidelity Investments   **May 2000 – May 2007**

Detecting fraud and internal/external threats

- Built a fraud detection system with a custom plug-in rules framework
- Discovered unauthorized access to ~300 brokerage accounts with ~2 million in total assets