

# DOUGLAS CHIMENTO

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## EXPERIENCE

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### Senior Platform Software Engineer, AppsFlyer Inc.

Jan 2020 – current

Automating AWS components to deploy applications via AWS API.

- Developer and infrastructure engineer of a dynamic staging environment. ~7,000 daily automated application deployments. (GO, Python, [Mesos](#), [Consul](#))
- From commit to docker: automate docker image creation across multiple languages, company wide. (Jenkins, Gitlab, Artifactory)
- Converted ~200 applications to AWS auto scaling groups to optimize SPOT capacity

### Infrastructure Software Engineer, Outbrain Inc.

Oct 2016 – Dec 2019

Developer and maintainer of company wide frameworks: JAVA RPC [framework](#), metrics and tracing

- Design and implement cross platform distributed tracing with OpenTracing/[Jaeger](#) handling thousands of requests per second
- AWS infrastructure/backend engineer supporting and maintaining a Spring JAVA web framework

### Senior Software Engineer, Yodle (web.com)

Oct 2013 – Oct 2016

Develop and maintained 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 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

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- Honeypot [OpenSSH](#) server
- [logzio-go](#) library for [logz.io](#)
- Arch Linux AUR [packages](#)
- [Bitcoin](#), Electrum, and LND node operator

## SKILLS

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- AWS, GO, Python, JAVA, SQL, All Things Linux
- ESP8266 hackery (IoT firmware tinkering)
- Mountain biker, skier and sometimes guitar player

## EDUCATION

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St. Lawrence University, B.S. Mathematics

1996 – 2000

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## EXPERIENCE (CONTINUED)

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### **Dispute Consultant & 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