Phil Opaola

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Coinbase, Sr. Software Engineer

New York, New York — June 2018 - Present

- Wrote a golang microservice for alerting 4 million user devices of asset price movements in cryptocurrency markets. Increased mobile revenue by 5% relative lift
- Maintainer of crypto-to-crypto trades, which allowed trades to be transparently constructed for non-existent orderbooks. Generated 25% of CBU revenue
- Migrated 1.5 billion historic price records from MongoDB to DynamoDB
- Functioned as sole remote engineer on a team of 10. Coordinated effectively with PMs, designers, and mobile/frontend engineers across a 3-hour timezone gap while delivering on high-value projects

Mediamath, Software Engineer II

New York, New York — October 2016 - December 2017

- Built Perl Catalyst REST framework APIs consumed by frontend and external client teams
- Maintained and improved upon legacy Campaign and Strategy management infrastructure
- Worked on IP Targeting and WURFL Targeting Perl-based microservice
- Took ownership of legacy feature gating system and worked on several stories to improve usability for both PMs and engineers
- Wrote Python integration tests and automation infrastructure

Percolate, Backend Engineer

New York, New York — February 2015 - October 2016

- Built Django REST framework APIs consumed by frontend, mobile, and internal client engineering teams
- Maintained and improved upon Campaign objects - a first-class, recursive, schema-driven document structure within Percolate's platform
- Built a search service powered by Elasticsearch and MySql for discovering Campaign objects and associated metadata within Percolate
- Primary maintainer for Percolate's notification delivery system - used to send several thousand emails and push notifications to clients' emails and mobile apps daily.
- Built a tenant-scoped preference management system used to customize Percolate functionality across user-groups
- Built a tagging system for defining client-specific hierarchies used to organize objects within Percolate

Percolate, Junior Backend Engineer

New York, New York — July 2013 - February 2015

- Built a declarative framework for integrating with OAuth 1 and 2 standards. Used to connect all Percolate client accounts to major US and Chinese social networks (Tumblr, Facebook, Instagram, Weibo, etc)
- Built crawlers to ingest posts from major social networks into Percolate
- Designed and implemented user onboarding system to allow automated creation of new user accounts. Used by GE to import 20,000 active users into Percolate
- Built asset storage backend for web-based Predator image editor