

Tim Martin

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Skills

Languages	Python, Javascript, Java + Spring, shell, SQL, HTML, CSS
Technologies	HTTP, Containerization, Async Programming, Git
Cloud	AWS, GCP, Instances, Virtual Networking, Message Queues, Role-Based Authorization
Web	React, Django, Sass, Static Site Generators, Visualization Libraries, Toolchains
Data Stores	MySQL, BigQuery, Postgres, Redis, SQL, Managed Solutions
Dev Ops	CI/CD, Secret Management, Alerting, Performance/Load Testing, TLS, DNS

Experience

Raid Stats *Project Developer* Austin, TX 2019 - 2020

- Designed virtual currency analysis web app for Twitch game streamer with average 300 concurrent users.
- Wrote asynchronous IRC bot in Python to monitor gold transactions and persisted events to GCS BigQuery.
- Automated hourly Hugo site build with GitLab CI/CD on hourly schedule.
- Visualized "gold" economy with stock charts from Highcharts.

RetailMeNot *Software Engineer* Austin, TX 2015 - 2019

- RxSaver - Offers discounts on prescription drugs
 - Pipelined prescription drug data from a 3rd party with Spring Batch.
 - Pushed infrastructure to Google Cloud, one of the first company projects to do so.
- Loyalty Card Service - Clips digital coupons to user loyalty cards for in-store savings
 - Modeled digital coupon data and ingestion jobs for RMN content management system.
 - Worked closely with vendor over many months to discuss product features, API usage, and support.
 - Allowed user and card registration and coupon clipping with service-to-service API.
 - Automated test runs, Docker image builds, and ElasticBeanstalk deployments on TeamCity.
- Promotion Service - Issues one-time-use promotional codes to users
 - Prefetched 3rd-party codes into Redis cache.
 - Dockerized Java application for ElasticBeanstalk on multiple environments.
 - Blueprinted application with CloudFormation, implemented zero-downtime deployment for build agents.
 - Load-tested to ensure robustness through peak holiday times.
- Einstein - Manages email and mobile push campaigns for marketing team
 - Produced personalized emails from paid, curated and machine-learned content for daily ~6MM users.
 - Designed welcome push implementation, a campaign to onboard users to phone app over a series of days.
 - Exposed API for service-to-service and web application consumption.
- Mentored full-time and intern employees with project introductions, weekly check-ins, and technical guidance.

Yelp *Software Engineering Intern* San Francisco, CA 2013

- Ingested CPC and CPM events, triggered SNS messages, and queued in SQS for consumers such as ElasticSearch.
- Wrote Gossip, a pub/sub tool that emitted SNS messages to SQS queues.

Education

Georgia Institute of Technology *B.S. Computer Science* Atlanta, GA Graduated 2015

- Information Internetworks and Systems & Architecture specialization
- GreyHat InfoSec Club staff

Interests

- Gardening, fermentation, cooking, weightlifting, Spanish language
- Woodworking business providing gardening beds from CAD models