

Tim Martin

+1 (646) 763-2938

16914 Simsbrook Drive, Pflugerville, TX 78660

tim@tim.direct

Skills

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

Experience

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

- Designed virtual currency analysis web app for Twitch streamer with average 300 concurrent users.
- Wrote async IRC bot in Python to monitor transactions and persisted events to GCS BigQuery.
- Automated hourly CI/CD Hugo static site rebuild with fresh data visualized with Highstock charts.

RetailMeNot *Software Engineer* Austin, TX 2015 - 2019

- RxSaver - Offers discounts on prescription drugs
 - Pipelined prescription drug data from a 3rd-party API with Spring Batch.
 - Expanded company infrastructure hosting into Google Cloud.
- 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.
 - Interfaced with vendor over many months to discuss product features, API usage, and support.
 - Designed 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 for fast retrieval.
 - Dockerized Java application for ElasticBeanstalk on multiple environments.
 - Blueprinted application with CloudFormation and for zero-downtime deployment.
 - Load-tested to ensure robustness through peak holiday times.
- Einstein - Manages email and mobile push campaigns for marketing team
 - Produced personalized emails of paid, curated and machine-learned content for 6MM+ users.
 - Implemented welcome push campaign to progressively onboard users to phone app.
- Mentored full-time and intern employees through collaboration, check-ins and technical guidance.
- Coordinated college recruiting efforts at Georgia Tech for 3 years.

Yelp *Software Engineering Intern* San Francisco, CA 2013

- Created pub/sub tool that emitted SNS messages to SQS queues.
- Streamed CPC and CPM events, triggered SNS messages, and queued in SQS for Elasticsearch.

Education

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

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

Interests

- Gardening, fermentation, cooking, bread baking, weightlifting, Spanish language
- Woodworking business providing gardening bed frames from CAD models