

Oliver Delgado

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EDUCATION

Texas A&M University | College Station, TX
Bachelor of Science in Computer Engineering
Minor in Applied Mathematics

May 2018

RELEVANT EXPERIENCE

Secureworks | Remote

May 2019 - Present

Software Engineer for the [Taegis XDR Platform](#)

- Backend API developer using Go, GraphQL, and Kubernetes to develop micro services on our Platform Team.
- Advocate for and promote clean code practices, code reviews, unit testing, and documentation.
- Regularly develop and integrate with 3rd party services and APIs (DataDog, Salesforce, AWS, etc.).
- Develop internal accountability tools
 - Architected and developed an 'open-source compliance' CICD tool to ensure proper license usage of our 3rd party dependencies.
 - Generated reports for DataDog that track monitors/alerts and their metadata (meant to track which monitors are missing outage runbooks links).
 - Generated reports for open pull requests, aggregating data on PR age, contributors, and recent activity (meant to track PRs at risk of getting stale).
- Additional past work includes:
 - [Developed back-end API logic for our product's 'incident response' times](#) (meant to showcase our product's impact on the timeliness of event handling).
 - Refactored REST endpoints to be GraphQL endpoints on [several high traffic APIs](#). Thoughtful refactoring resulted in significantly reduced response times for many endpoints using selective and eager/lazy loaded data.
 - Added audit logging, tracing, and metric tracking to our product's API endpoints.

IBM Cloud | Austin, TX

May 2018 - May 2019

Software Engineer for Cloud Native Center of Competency

- Worked daily with clients as a 'solutions engineer' to onboard their products onto IBM Cloud.
- Developed and documented custom client solutions to promote 'cloud native' patterns and standards.
- Aided in re-deployment of client legacy components with their cloud native equivalent offerings found on the IBM Cloud platform.
- Automated the provisioning and configuration of client solutions with Terraform.
- Contributed to architecture and development of an internal tool to track key performance metrics for IBM Cloud product offerings.
- Collected, visualized, and analyzed resulting data to assess performance of IBM Cloud's product offerings.
- Developed smaller internal tools to facilitate the team's day to day operations.
- Designed synchronization tool to manage Agile tickets and corresponding GitHub tickets.
- Conducted exploratory work on new IBM Cloud offerings to evaluate and document the product app experience and functionality. Findings were reported to PMs, providing feedback about bugs and possible improvements for future releases.

PROJECTS

URL Shortener with click-through tracking

- An API that converts a URL to a 'short link' URL to send to friends. Additionally, it determines when and how many times the link was clicked. API can attempt to determine unique clicks using request metadata.
- **Technologies used:** Go, Docker, Redis, PostgreSQL

Reddit post tracking bot

- A script that sends a notification when certain keywords are matched in a new post for a given subreddit.
- **Technologies used:** Go, Docker, Reddit API, Telegram API

SKILLS

Languages: Go, Python

Tools: GraphQL, Kubernetes, Docker, Grafana, Prometheus, Terraform, Git, Bash

General: API Development, Cloud Development, SQL, Data Analysis, Scripting & Automation