JOSHUA RODSTEIN

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Technologies and Skills

Languages	Databases	Cloud Infrastructure	Source Control
Python	Mongo	AWS	Git
Javascript	Dynamo	Terraform	GitHub
GoLang	MySQL	Jenkins	
HCL		OpenAPI	

Employment

EllieMae, Inc.

Systems Engineer II

Cloud Automation

Pleasanton, CA | *March 2020 - Present*

Software Engineer I

Cloud Automation

Pleasanton, CA | *January 2019 - February 2020*

Software Engineer Intern

Partner Integrations

Pleasanton, CA | *June 2018 - August 2018*

Community College of Allegheny County

CS Tutor: Intro & Intermediate Java

Pittsburgh, PA | *May 2017 - July 2017*

- Basic foundational understanding
- Data Representation and storage
- Program control structures
- Classes and their methods

Education

University of Pittsburgh

BS Computer Science

Spring 2016 - Fall 2018

Community College of Allegheny County

Computer Science Transfer

Spring 2015 - Spring 2016

Projects

GRUT: Go-Git Remote Migration Utility

Golang command line application for batch changes to local git remotes

- Designed for internal customers after migration to new Github appliance and domain
- Written in Golang, using go-git and cobra cmd libraries
- Written and cross compiled for Windows, Macos and Linux 64 bit systems
- Unit & Acceptance tests developed using go testing library

Logstash Log Schema Lambdas

Module to Deploy fleet of schema lambdas for Logstash ingest

- Developed module for Cloud Automation team to deploy log schema lambdas
- Developed python lambda to convert Cloudtrail logs for Logstash ingest
- Developed CI/CD and test automation with Jenkins pipeline and Github webhooks

Network Orchestration System

Abstracts and manages deployment of VPCs, Subnets, Routing tables, and network connectivity in AWS

- Developed custom Terraform provider for VPC deployment in GoLang and generated provider client using go-swagger
- Deployed containerized Flask api via ECS behind network load balancer exposed via API Gateway
- Secured using API Gateway custom token authentication

Automated Documentation Pipeline

API Documentation Pipeline for Encompass Partner Integrations

- Design, implementation, testing, and delivery of CI/CD pipeline for API documentation
- Automated document promotion from source to Internal API Explorer using Jenkins CI/CD
- Provisioned infrastructure as code for API portal using Bash, Terraform, and AWS cloud provider
- Used OpenApi-3.0/swagger-2.0 and SLATE to convert API specs to Markdown for rendering