

Kyle Lucas

<https://kylelucas.io> | kyle@kylelucas.io

EDUCATION

CAL POLY POMONA

COMPUTER SCIENCE (INCOMPLETE)

2011-09-15 - 2015-02-01

LINKS

GitHub: [kylegrantlucas](#)

LinkedIn: [kylegrantlucas](#)

SKILLS

DEVELOPMENT

Golang • Ruby • Bash • Postgresql •
Elasticsearch • Neo4j • Redis • InfluxDB

TOOLING

Docker • Kubernetes • Prometheus •
Traefik • Grafana • Helm • Spinnaker

PROJECTS

resume-exporter | 2019-03-27

- A Go tool for exporting the JSONResume format to LaTeX

kylelucas.io | 2019-03-22

- My personal website, built in TypeScript with react.

plex-lametric | 2019-03-19

- A Go webserver for showing Plex data on a LaMetric Clock

cyberpower-exporter | 2018-12-04

- A Go Prometheus exporter for the Cyberpower UPS line

discord-lametric | 2018-11-08

- A Go daemon for pushing Discord Notifications to a LaMetric Clock

speedtest | 2018-04-16

- A Go package for running tests against speedtest.net

VOLUNTEER WORK

POLYFOUNDERS | SPEAKER

2015-01-01 - 2015-06-01

HACKPOLY 2017 | MENTOR + JUDGE

2017-02-18 - 2017-02-21

AWARDS

EAGLE SCOUT | BSA

2011-08-01

EXPERIENCE

FENDER MUSICAL INSTRUMENTS | SENIOR SOFTWARE ENGINEER

2019-05-06 - 2020-05-15 | Hollywood, CA

- Lead conversion of backend from a 3rd party lambda to a native Go lambda
- Helped design and implement a new version of our curriculum backend
- Built a parser to convert MusicXML to an internal JSON format
- Rearchitected the progress backend to handle changing content structure
- Golang, Javascript, React, Lambda, DynamoDB, Postgresql, Elasticsearch

I.AM+ | SOFTWARE ENGINEERING MANAGER

2018-10-01 - 2019-05-04 | Hollywood, CA

- Lead the planning and execution of all US-based infrastructure
- Worked with offshore QA and Engineering teams to pursue mutual goals
- Organized deployment of microservices on a Kubernetes platform

I.AM+ | SENIOR SOFTWARE ENGINEER

2016-08-22 - 2019-05-04 | Hollywood, CA

- Built several highly scalable services for a music streaming platform
- Optimized elasticsearch for voice-first search on a music knowledge base
- Designed a fast automated pipeline to ingest of GBs of nightly music data
- Built a service for managing smartwatch registration and preferences
- Golang, gRPC, Docker, Postgresql, Elasticsearch, Redis, Neo4j, Ruby

GOSEEK | SOFTWARE ENGINEER

2015-03-01 - 2016-03-01 | Los Angeles, CA

- Built a central API for booking hotel stays through multiple 3rd party APIs
- Worked with caching large volumes of hotel searches and results
- Ruby On Rails, Redis, Memcached, Postgresql w/ PostGIS

TRACKR | SOFTWARE ENGINEER (CONSULTANT)

2014-09-01 - 2015-02-01 | Santa Barbara, CA

- Built a management tool for users to manage their Indiegogo orders
- Ruby On Rails, Postgresql, ActiveAdmin

RESOUND.FM | CO-FOUNDER / LEAD BACKEND ENGINEER

2014-03-01 - 2015-03-01 | San Luis Obispo, CA

- Designed and implemented data models, built APIs, managed DevOps
- Ruby On Rails, Redis, Websockets, Postgresql, Chef, Rackspace

RADPAD | SOFTWARE ENGINEER

2014-01-01 - 2014-03-01 | Santa Monica, CA

- Redesigned the backend apartment aggregation service to be 3x faster
- Designed and implemented a realtime messaging service with PubSub
- Ruby On Rails, Postgresql, S3

PROJECT GIGIT | SOFTWARE ENGINEER (CONSULTANT)

2013-10-15 - 2013-12-15 | Los Angeles, CA

- Built a service using concert data to help promoters identify band bookings
- Ruby On Rails, Facebook API, Postgresql

DOWN | SOFTWARE ENGINEERING INTERN

2013-06-01 - 2013-10-01 | San Francisco, CA

- Built a Neo4j graph and API v2.0 for match discovery on 1.3m users
- Ruby on Rails, Neo4j, Postgresql