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
- Led 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
- Led 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