

Gabe Ochoa

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Work

Squarespace | Site Reliability Engineer | New York, NY August 2017 - Present

- Set up cross datacenter Kubernetes multi-cluster federation
- Wrote services in Go for ESXi host selection, vCenter metrics exporting
- Architected conventions for moving applications from VMs to containers / Kubernetes

Wink — Senior Site Reliability Engineer | Flextronics | New York, NY December 2015 - August 2017

- 1.5 years of running Kubernetes in production with large scale workloads
- Architected and led migration of all microservices from PAAS provider to highly available AWS hosted Kubernetes Clusters including full CI/CD
- Built and maintained tools for self-service use of the infrastructure by developers
- On-call for and supported 18 micro-services and underlying infrastructure
- Architected and built a fault tolerant logging and metrics pipeline for micro-services
- Developed and championed SRE culture/practices across engineering organization

Wink — Systems Engineer | Quirky Inc | New York, NY August 2014 - December 2015

- Researched developing technologies and served as the subject expert for product integrations including Amazon Echo, Nest, Schlage Locks, etc
- Served as core team/scrum lead for 4-6 week product integration cycles
- Led vendors and manufacturing partners in Asia through final stages of development and testing of ZigBee, Z-Wave, and Bluetooth embedded devices
- Trained and helped launch a customer service center of 50+ employees
- Designed hardware and processes to refurbish 40,000 company products in 1 month

Quirky — BlackOps Design Engineer | New York, NY January 2014 - August 2014

- Prototyping specialist for CEO's personal four-member design team
- As a fast-pace team: we researched, designed, and built against 48 hour deadlines
- Constructed visual and functional prototypes for Quirky Aros and Wink Relay

Frog Design — Design Technologist Intern | Austin, TX May 2013 - August 2013

- Designed interactive Arduino prototypes and supervised product fabrication
- Established the Frog Make Lab and designed a custom quadcopter for case study

Skills

Software

Kubernetes | Prometheus | Containers | Linux | Go | Python | Ruby | AWS | GCP | Redis | Etcd | MySQL | Memcached | DynamoDB | CircleCI | Datadog | SumoLogic | Ansible | Terraform

Hardware

CNC/Manual Machining and Prototyping | Additive Manufacturing | Welding | Soldering |
Wood/Metalworking | Solidworks | AutoCAD/Fusion 360 | HSMWorks | Pro-E/Creo

Education

Georgia Institute of Technology — B.S. Mechanical Engineering December 2013 - Specialties:
Manufacturing Processes | Machine Design | Prototyping | Product Design