Gabriel Ochoa

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Squarespace

Engineering Manager | Infrastructure | New York, NY | December 2020 - Present

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– Lead 17 engineers across 5 disciplines (Compute, Traffic, Storage, Data Center, Bedrock Services)
  I manage and coach 3 team leads (responsible for people management) and 3 tech leads (responsible for
  technology decisions) across the 5 disciplines
– Managed capacity planning and procurement process for Squaresapce data centers and public cloud
– Deeply involved in our hiring practices by creating rubrics, interviewing competencies, and process to hire
engineers across Infrastructure Engineering
– Provided architectural design review and feedback for critical changes across Squarespace
– Founding member of the One Platform initiative to make all Squarespace Infrastructure
products looks and feel the same to our internal customers
  This initiative advocated for abstracting on–prem and cloud infrastructure for our end users and providing
  a seamless API to allow for quick prototyping of ideas across engineering
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Squarespace

Engineering Manager | Traffic Infrastructure | New York, NY | October 2018 - December 2020

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– Started a new team of 5 to manage, grow, and develop Squarespace's edge infrastructure.
  Helped the team build a charter, values, and operating processes that kept everyone informed while allowing
  for individual autonomy and working styles
  Mentored engineers on the team and across the organization
– Led re–write of the core edge load balancer, shipping in 8 months from problem identification to 100% rollout
  This project reduced the time it takes to make a secure connection to Squarespace by 5x
  Allowed for better visibility and horizontal scaling of the edge infrastructure
– Main point of contact for Lets Encrypt and other 3rd party partners
– Managed relationship and work items for regulatory compliance with the team
– Product owner and project manager: planned and organized the work for the team
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Squarespace

Senior Site Reliability Engineer (SRE) / Team Lead | New York, NY | August 2017 - October 2018

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– Led a team of 7 engineers in launching, getting organization buy–in, and migrating
  3000 VMs owned by 15 teams to a new internal compute platform. The new platform replaced
  the software runtime, metrics, alerting, and CI/CD layers of the Squarespace stack
– Created team charter and led agile development processes for the SRE Compute team
– Created and led Kubernetes 101 and 102 training courses for 100+ engineers
– SRE Lead for launch of a new billing system; started SRE Partner program
– Participated in Team and Incident Commander 24/7 on–call rotations
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Site Reliability Engineer | Flextronics | New York, NY | December 2015 - August 2017

- Created AWS–hosted Kubernetes clusters and migrated all applications from Heroku
- Participated in Design Thinking workshops and user story sessions
- Built internal product for creating micro–service infrastructure by developers
- Was on–call for and supported 18 micro–services and underlying infrastructure
- Designed and built a fault–tolerant logging and metrics pipeline
- Developed and championed SRE culture/practices across engineering organization

Wink

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

- Technical product expert for integration of Amazon Echo, Nest, Schlage Locks, and many ZigBee and Z–Wave products into the Wink platform.
- Researched new and emerging smart home technologies (LoRoWan, BLE Beacons, etc)
- Led vendors and manufacturers 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
- Demonstrated products to executives, retail buyers, and investors
- Constructed visual and functional prototypes for Quirky Aros and Wink Relay

Frog Design

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

Skills

Proficient

Networking | Linux | Go | DNS | TLS | Internet routing | Git | Kubernetes | Prometheus | Containers | AWS | GCP | CircleCI | Datadog | SumoLogic | Ansible |

Design thinking | User-centered design | Distributed systems |

Additive Manufacturing | Welding | Soldering | Wood/Metalworking | Solidworks | CNC/Manual Machining and Prototyping |

Well-versed

Ruby | Redis | Etcd | MySQL | Etcd | Memcached | DynamoDB | Zigbee | ZWave | IoT Protocols |

Novice

Python | MQTT |

AutoCAD/Fusion 360 | HSMWorks | Pro-E/Creo | PCD Design

Education

Georgia Institute of Technology | B.S. Mechanical Engineering 2013

Manufacturing Processes | Machine Design | Prototyping | Product Design

https://github.com/gabe-ochoa/resume