Gabriel Ochoa

(512) 826-5402 | gabe@ochoa.nyc | https://gabe.work   I'm an engineering executive specializing in building inclusive, empathic, and high-performing teams. I have a passion for building products that make people's lives better and impact the physical world.

Accomplished engineering leader with a product-oriented mindset and 10+ years of experience in building and managing inclusive and autonomous teams to deliver innovative solutions. Known for strategic product development, enhancing system efficiency, and reducing time-to-market.

Product-focused strategist engineering leader with 9+ years of experience specializing in building inclusive teams and guiding strategic product development. I've leveraged my expertise in cloud infrastructure, Kubernetes, analytics, and heavy engineering to transform system efficiency and delivery timescales. I'm known for my ability to build and manage high-performing, autonomous, and inclusive teams that deliver innovative solutions and reduce time-to-market.

Numina

Head of Engineering | Brooklyn, NY | March 2022 - Present

- Revamped the feature delivery process, reducing shipping time from months to <1 week.
- Directed an accuracy improvement initiative that boosted data quality by 20-50%.
- Led the design and implementation of a new Data Lake, Pipeline, and Landing Zone to accommodate 3x data ingestion growth.
- Streamlined the hiring process, reducing time-to-hire from 6 months to 4-8 weeks.
- Assembled a diverse engineering team spanning Hardware, Firmware, Data Science, Machine Learning/Computer Vision, and Frontend/Backend.
- Launched an advanced analytics dashboard, enabling faster queries and enhancing the user experience.

Kinoko (Side Project)

Technical Co-Founder | New York, NY | August 2019 - January 2021   Developed a peer-to-peer video chatting product for the aging population using cutting-edge tech stack: WebRTC, Go, TypeScript, Postgres, Linux, and Raspberry Pi TV video kiosk.

Squarespace | August 2017 - March 2022

Engineering Manager | Infrastructure | New York, NY | January 2020 - March 2022

- Orchestrated five engineering teams across 18 engineers, focusing on Runtime Infrastructure across Compute, Traffic, Storage, Data Center, and Security.
- Drove a 3x increase in data center usage efficiency, reaching over 60% utilization.
- Responsible for $5M capital procurement across 2 data centers and 2 public clouds.
- Primary instructor for Incident Commander training and served as the on-call Incident Commander.

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

- Built a new team of 5 to oversee the development and growth of industry-leading edge infrastructure.
- Championed a performance-based rewrite of the core edge load balancer, reducing secure connection times by 5x.
- Developed team charter, values, and operating processes that fostered individual autonomy and productivity.
- Maintained 2-min response time SLA for uptime of all Squarespace websites as on-call manager.

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

- Led the design and migration of 3000 VMs to a new bare-metal Kubernetes Infrastructure Platform with improved metrics, alerting, and CI/CD systems.
- The new platform reduced deployment time from 1.5 hours to 5 minutes, reduced cost by $100k per year, decreased time to recovery of common incidents by 2x and allowed product team ownership of services
- Created and led Kubernetes 101 and 102 training courses for 100+ engineers
- Launched the SRE Partner program that helped critical product teams adopt SRE practices

Wink

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

- Led the migration of 18 applications from Heroku to AWS EC2-based Kubernetes clusters in a 3-month timeline.
- Developed an internal product for deploying microservice infrastructure
- Championed SRE culture/practices across the engineering organization

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

- Technical expert for integration of new products into the Wink platform.

- Designed hardware and processes to refurbish 40,000 company products in 1 month
- Led vendors in Asia through the final stages of R&D for new smart home products
- Trained and helped launch a customer service center of 50+ employees

Quirky

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

- Prototyping specialist for CEO's four-member design team
- Demonstrated products to executives, retail buyers, and investors
- Constructed visual and functional prototypes for Quirky Aros and Wink Relay

Education

Georgia Institute of Technology | B.S. Mechanical Engineering

Manufacturing Processes | Machine Design | Prototyping | Product Design