Eric Osborne   eric@notcom.com   notcom.com/resume
linkedin.com/in/eric-osborne/

Seasoned technical professional – networking and cloud computing – looking for interesting, engaging, work where I can learn new things and help others grow. I build things that let computers talk to other computers and help other people do the same.

Open to full time or part time work, remote or hybrid (west of Boston, MA). Plays well with others.

Skills
Networking: physical and virtual routers and routing; IP, MPLS; hardware, software, protocol and network support and design; architecture and standardization; load balancers, firewalls, DNS, CDNs; troubleshooting

Cloud computing: implementation, migration, multi-cloud, hybrid cloud, automation, cost models and FinOps

Programming: mostly Python, some Go
People skills: leadership, mediation, mentoring
Communication: speaking, writing, presenting, teaching, documenting

Employment history
2024-Present: Netflix
Network architecture.

2021-2023: New Relic
Led the migration of a large-scale containerized environment and the underlying network from physical data centers to multi-region, multi-cloud. AWS, Azure, GCP, Istio.

2020-2021: VaporIO
Held sole responsibility for a network of 80+ devices, mostly Juniper. Inherited a legacy network and reimplemented its automation from scratch. JunOS, Salt/Saltstack.

2019-2020: State Street Bank
Built a greenfield backbone and much of the data center networking for one of the world's largest banks. Arista, F5, BGP, Cumulus, and interop with the bank's legacy network and its stakeholders.

2014-2018: Level3 / CenturyLink (now Lumen)
Led the architecture for the world's largest Internet backbone. Expanded Level3 Internet services to South America and Asia. Worked on Level3+CenturyLink integration. Lots of BGP and MPLS.

1998-2014: Cisco Systems
Held a variety of customer-facing support and engineering positions. Hardware, software, protocol and network support and design; escalations, training, documentation, and the like.

1995-1998: TerraNet Internet Services
Startup ISP in the dot-com boom era. Dialup, leased line, frame relay, consulting, system administration.

Publications:
Co-author with Ajay Simha, *Traffic Engineering with MPLS,* Cisco Press (2003)

Author or co-author of several patents in the network space

Certifications
CCIE #4122 (expired)

FinOps Certified Practitioner (active)

AWS Certified Cloud Practitioner (active)

Education
MBA, Clark University, Worcester, MA

BA (Psychology), Northeastern University, Boston, MA

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The following is a list of machine-scannable keywords with which I have somewhere between passing familiarity and expert-level knowledge.

aaa	github	netflow	tcp
access lists	go	network architecture	tcp/ip
acl	golang	network design	tdd
agile	gre	network management	teamwork
analytics	gsr	network security	test driven development
ansible	html	networking	ti-lfa
api	http	neutron	tls
architecture	https	nms	tos
arista	ieee	nokia	traffic engineering
asr9k	ietf	numpy	unicast
aws	igrp	openconfig	unix
azure	ios	openstack	vault
bash	ios-nx	ospf	virtualization
batfish	ios-xr	palo alto	voip
bgp	ip	pandas	vpn
bgpv4	ip precedence	pebkac	vxlan
bier	ip vpn	perl	windows
bridging	ipfix	pim	xml
broadcom	ipv4	pim-dm	yaml
c	ipv6	pim-sm	yang
ccie	is-is	pki	zero trust
cdn	isis	pop	ztna
ci/cd	isp	programming	
cisco	itu	pytest	
clos	itu-t	python	
cloud	jenkins	qos	
cloudflare	jinja2	radius	
containers	juniper	rest	
cos	junos	rfc	
crs	junos mx	rip	
cumulus	k8s	routing	
data analytics	kafka	rpki	
data center	kubernetes	rsvp	
design	ldap	rust	
devops	ldp	s3	
dhcp	leadership	salt	
dns	leaf	saltstack	
docker	librenms	scipy	
docker-compose	linux	security	
documentation	load balancers	sed	
documenting	mac	segment routing	
dscp	machine learning	sflow	
dvmrp	macos	snmp	
ec2	mba	spine	
eigrp	mellanox	sr	
erlang	mp-bgp	sr-os	
escalation	mpls	sros	
evpn	mpls te	ssl	
fabric	mpls vpn	ssm	
fastly	mpls-te	sr	
finance	mpls-tp	srv6	
finops	multicast	standardization	
firewalls	multicloud	standards	
gcp	netconf	standards process	
git	netdevops	tacacs	