

e.j. sahala (they/them)

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ABOUT ME

Self-taught proactive learner with over 20 years of professional experience designing, building, and automating large scale & service provider (network) infrastructure.

EDUCATION

A.A. Physics
Miami-Dade College

LINKS

 <https://github.com/ejsdotsh>
 <https://linkedin/in/ejsdotsh>
 <https://ejs.sh>

TECHNICAL SKILLS

Networking

- BGP/MP-BGP, OSPF, IS-IS, PIM
- MPLS, LDP, RSVP-TE, SR-MPLS
- L2VPN, L3VPN, EVPN, VxLAN
- TCP/IP, IPv4 & IPv6, QoS
- Juniper, Cisco, Arista, Cumulus
- PaloAlto, A10, F5

Systems

- Debian, Ubuntu, RHEL, CentOS
- Apache, Nginx, Bind, Infoblox
- LibreNMS, Sensu, Zabbix, Nagios
- Docker, Kubernetes, VMWare

Development

- Go, Python, Bash
- FastAPI, YAML, JSON
- Nornir, Ansible, NAPALM
- Github Actions

Cloud

- AWS, GCP, Linode

Prior experience

- Terraform, Cfengine, Puppet
- Jenkins, Gerrit
- C, csh, ksh, Perl, Ruby
- MySQL, PostgreSQL
- Django, Flask
- Azure, Oracle OCI, IBM Cloud
- Solaris, *BSD, FreeBSD Jails

PROFESSIONAL EXPERIENCE

Adobe	Network Reliability Engineer/Sr. Cloud Network Engineer - 2021-2022
• Engineer solutions for network automation, implementation, support, and operations	
Box	Senior Network Engineer - 2019-2021
• Design, build, automation, and operation of a global hyperscale network; reduced tech debt, increased capacity, and reduced complexity	
• Rebuilt and maintained automation for network configuration and operations	
Here Technologies	Principal Network Engineer - 2018-2019
• Architecture, design, and automation of the HERE global wide area and datacenter networks; reduced deployment time from hours to minutes	
• Designed new edge network: defined cloud-provider interconnection and deployment templates for compute, virtualization, storage, and monitoring and management technologies	
Gaikai/Sony	Senior Network Engineer - 2017-2018
• Defined architectural requirements, acceptance criteria, and led hardware, software, and vendor evaluations for PlayStation Now's low latency, high availability, global gaming network.	
• Routing redesign reduced inter-regional latency by up to 5ms	
Microsoft	Senior Engineer - Network Strategy & Planning - 2014-2017
• Defined, and developed strategic roadmaps, built stakeholder relationships and strategic partnerships, influenced contract negotiations, and managed capacity with infrastructure operators globally	
• Created network performance troubleshooting program, led global cross-functional team through training, tooling, and hand-over to Network Operations; reduced triage time from 5 days to 2 hours	
Juniper Networks	Systems (Sales) Engineer - 2012-2013
• Developed consultative relationships with technical and executive decision makers, responded to RFI/RFPs, created and delivered training presentations, product/service roadmaps, and conducted POCs	
• Key team contributor in transforming resistance into success to exceed quota, and deliver over \$X0-million in sales revenue	
Infocrossing/Wipro	Network Architect (Staff Engineer) - 2010-2012
Intelepeer	Principal IP (Network) Engineer - 2009-2010
Yahoo!	Tech Lead - Senior Network Engineer - 2007-2009
Alcatel-Lucent NZ	Principal Engineer - 2006-2007
twtelecom	Tech Lead - Senior IP Network Engineer - 2005-2006
Terremark	Tech Lead - Senior Network Engineer - 2004-2005
Fusiontel	Tech Lead - Senior Network Engineer - 2002-2004
USA.net	Network Engineer - 2001-2002
Various	NOC Technician - 1999-2001
United States Marine Corps Reserve	Lance Corporal - 1998-2002

CERTIFICATIONS & AFFILIATIONS

Member, NANOG	2012-Present
Member, Customer Advisory Board, DE-CIX	2014-2016
Vice President, Colorado Chapter of the Internet Society (COISOC)	2011-2016
Steering Committee Member, Rocky Mountain IPv6 Task Force (RMv6TF)	2011-2016
Juniper Networks Certified Internet Specialist (JNCIS-ENT)	2012-2015
Juniper Networks Certified Internet Specialist (JNCIS-M)	2006-2009
Cisco Certified Network Professional (CCNP)	2002-2008