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/jaeejs
- https://linkedin/in/jaeejs
- https://jaeejs.me

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

Last updated 2022/12/03