

# 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
- Docker, Kubernetes, VMWare

### Development

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

### Cloud

- AWS, GCP, Linode

### Prior experience

- Terraform, Cfengine, Puppet
- Jenkins, Gerrit, CVS/SVN
- C, csh, ksh, Perl, Ruby
- MySQL, PostgreSQL
- Django, Flask
- Azure, Oracle OCI, IBM Cloud
- Solaris, FreeBSD

## PROFESSIONAL EXPERIENCE

### Adobe

**Sr. Cloud Network Reliability 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

### tw telecom

**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