

# 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, FreeBSD
- Apache, Nginx, Bind, Infoblox
- LibreNMS, Sensu, Zabbix, Nagios

### Containers & Virtualization

- Docker, Kubernetes, VMWare, FreeBSD Jails

### Development & Automation

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

### Cloud

- AWS, GCP, Linode

### Prior experience

- Terraform, Cfengine, Puppet, Jenkins
- C, csh, ksh, Perl, Ruby
- Django, Flask
- Azure, Oracle OCI, IBM Cloud

## EXPERIENCE

**Adobe** Network Reliability Engineer/Sr. Cloud Network Engineer – 2021-Present

- 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

**Fusientel** 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