Eduardo Castello Branco

Network Infrastructure & Cloud Engineer

Ontario, Canada | LinkedIn | ebranco.link

Network infrastructure professional with 10+ years of experience in ISP and enterprise connectivity, including GPON deployments, routing, and troubleshooting. Build hands-on AWS infrastructure and automation projects using Terraform, Ansible, and Linux through Castello Branco Cloud Labs.

PROFESSIONAL EXPERIENCE

Cloud and Network Infrastructure Engineer | Castello Branco Cloud Labs, Ontario, Canada
Apr 2024 - Present | Independent portfolio projects

- Build AWS lab environments with Terraform and automate Linux configuration using Ansible. Projects cover VPC networking, hybrid connectivity, and recovery scenarios.
- Deployed ebranco.link using S3, CloudFront, Route 53, and AWS Certificate Manager for static hosting, content delivery, DNS, and HTTPS.

Owner and Network Specialist | Gigabit Net Telecom, Brazil
Aug 2012 - Jul 2023

- Founded and operated an ISP. Designed and supported wireless, fibre, and enterprise networks, including routing, switching, VLANs, firewalls, VPNs, and monitoring.
- Led the migration from wireless access to GPON fibre. Coordinated network upgrades, vendors, technical teams, and customer-impacting incidents.
- Published a GPON OLT configuration tutorial covering VLANs by PON port and MikroTik PPPoE. It has received about 13,000 views.

TECHNICAL SKILLS

Networking: TCP/IP, LAN/WAN, OSPF, VLANs, DNS, DHCP, VPNs, Cisco, MikroTik, pfSense
Fibre and monitoring: FTTH, GPON, OLT, OTDR, optical power testing, Zabbix, Grafana
Cloud and automation: AWS VPC, IAM, EC2, S3, CloudFront, IaC (Terraform), Ansible, Linux, Docker, VMware, OpenStack

EDUCATION

Virtualization and Cloud Computing | Postgraduate program, Conestoga College, 2024
Computer Networks | Technologist degree, Centro Universitário Estácio, Brazil

CREDENTIALS AND TRAINING

Certifications earned: AWS Certified Cloud Practitioner. Previously earned MikroTik MTCNA and MTCRE.
Coursework: AWS Solutions Architect Associate (SAA-C03) and Professional. Cisco CCNA training (2014).

Languages: Portuguese (native) and English (professional working proficiency).