

Sean Fraser

Sr. Solutions Architect

✉ sstgfraser@gmail.com ☎ 410-302-5239 📍 Hollywood FL, 33025 in linkedin.com/in/seanfraser
📧 medium.com/@cloudtoolkit ✖ @CloudHacks_

👤 PROFILE

Highly skilled and experienced Senior Solutions Architect with over 15 years of experience in designing, implementing, and maintaining various secure cloud infrastructure(s). Extensive knowledge of various cloud solutions including Linode(Akamai), AWS, GCP and Azure cloud platforms as well as high-value and specialized cloud computing use-cases.

My ability to clearly articulate business architecture (mission/vision) and technical architecture (solution best practices, reference architectures) to best meet the requirements is a strength.

🧠 SKILLS

AWS

Lambda, APIGW, S3, EC2, EKS,
VPC, DynamoDB

Azure

VMs, AKS, API Management,
CosmosDB

GCP

Compute Engine, App Engine,
GKE, BigTable

IaC

Ansible, Terraform, Jenkins,
Nexus

CNSP

CSPM, CWPP, CIEM, NGFW

Network Security

DNS, NGFW, SWG, CASB, MFA

Linux

Apache, ELK Stack,
Prometheus/Grafana, NGINX,
Puppet, Salt, Cassandra, Hadoop,
Kafka

👜 PROFESSIONAL EXPERIENCE

06/2011 – 07/2023
Cambridge, USA

Akamai Technologies

Sr. Solutions Engineer

- Designed and implemented secure cloud infrastructure for multiple projects using Linode, AWS, Azure, and GCP.
- Developed and maintained CI/CD pipelines for automated deployment and testing.
- Implemented security controls such as firewalls, WAF, Bot Mitigation, network-segmentation, and encryption to protect sensitive data.
- Collaborated with development teams to integrate security best practices into the software development lifecycle. An example is embedding IaC and SAST extensions in IDE
- Conducted regular network and security audits and vulnerability assessments to ensure compliance with industry standards.
- Monitored cloud infrastructure for security breaches and responded to incidents in a timely manner.
- Conducted regular training sessions for various teams on secure coding practices.

2000 – 2010
Herndon, USA

Juniper Networks

Systems Engineer

My responsibility was primarily technical sales support for Tier 1 Internet Service Providers. Possessing broad overall industry experience as well as an in-depth technical knowledge of the Service Providers networking space and the IP backbone network specifically.

- Expert-level technical knowledge in the following specific technology disciplines as they relate to Cisco and Juniper's products:
- Core Networking technologies – BGP, ISIS, OSPF, MPLS (including Traffic Engineering), CoS (including DiffServ). Expertise in M/MX/T/E series switches and routers
- Strong expertise on MPLS based VPNs services (including RFC2547bis L3 VPNs, L2 VPNs, and VPLS).

LANGUAGES

English



INTERESTS

• Golf

• Soccer