

SUMMARY

Customer-focused Architect at Morgan Stanley, with 20 years industry experience.
Demonstrated mastery in delivery of engineering solutions optimized for cost, reliability & security.

WORK EXPERIENCE

○

Cloud Solutions Architect

2009 - Present

Morgan Stanley, London

Massive scale enterprise infrastructure architect using SRE techniques, IaaS configuration management, automation & orchestration

- Specialism in observability engineering (logs, metrics) & API proxy gateways
- Previous roles as Cyber Security Infrastructure Architect, Application Delivery Platform Engineer & Linux Web Infrastructure Engineer. Led global Security Platform Engineering team for Secure Web Gateway proxies, FireEye, Bro/Zeek, DLP, Load Balancing & Cloud WAF/DDoS mitigation
- Splunk'ing since 2006

Achievements:

Architected multiple enterprise scale logging & security analytics big data platforms ingesting TBs daily

- Design & build of largest Azure logging pipeline, 8M/eps from 20k Azure Kubernetes pods. Saved \$Millions over SaaS solutions
- Direct relationships into Azure product dev for features, patches & scale optimizations
- Team lead to design, budget, build & operate one of Splunk's largest Enterprise Security (ES) SIEM deployments
- Facilitated security use cases cross-functionally to control threats, prioritize risks, automate compliance & security posture following NIST

Technologies used:

Azure, KQL

DevOps

SRE

Agile, Jira

SWG Proxies

RedHat

Jive

MS apps (OneNote, Teams)

○

CTO/Co-Founder

2008 - 2010

Think Media, Kuala Lumpur

Launched a successful web start-up named thinkproperty and moved to Malaysia. Pitched & received subsequent rounds of startup venture capital. Become the number 1 property portal in Malaysia within 1 year. Sold to a publicly listed company

Technologies used:

LAMP (Linux, Apache, MySQL, PHP)

HTML/CSS, JavaScript

SDLC

Internet marketing, SEO

○

Web Infrastructure Engineering & Operations

2003 - 2008

Morgan Stanley, London

Technical project management, architecture, engineering & operations of fault tolerant web hosting environments for Morgan Stanley's Web platforms. Part of the team that built the platform for Google's IPO. Evaluation & deployment of infrastructure tools - during Splunk's infancy regularly met their CEO to give feedback to product development

Technologies used:

Apache Tomcat

IIS

ITIL

Splunk

Datacenter

C, Perl, Java

○

Technical Consultant & Pre-sales Engineer

2001 - 2003

DoubleClick (Google), London

On-site customer deployments & presales of DoubleClick AdServing Solutions. Multi-disciplined consultancy in disparate business & technical environments, 90% overseas travel

Technologies used:

PRINCE2

DART

HTML/CSS

SQL Server, Oracle

Netscape Iplanet, Apache

BEA Weblogic

○

Web Engineer/Graduate Trainee

1999 - 2001

JP Morgan (CSC Pinnacle Alliance), London

Design, engineer & support JP Morgan's intranet platform and websites. Consulting to establish design briefs with wireframing & prototyping. Support systems monitoring tools

Technologies used:

Solaris 8

Lotus Notes

HTML

Unix AIX

Boole & Babbage MAXM System Monitoring

Unicenter TNG

SKILLS & TOOLS

Observability

Splunk Certified Architect

Azure Monitor, Azure Data Explorer

Fluent-bit, k8s, logback java

Datadog

Prometheus/Grafana

Apache Kafka, Azure Eventhub

Azure Sentinel, Splunk ES SIEM

Infrastructure

CISSP, Ceh

Microsoft Azure Cloud

Linux

Python, BASH

Ansible, GIT

Docker, Kubernetes

F5, Bluecoat, Spring Cloud

Cloudflare, Akama WAF/CDN

Others

Agile

Kanban

Scrum

VSCode

Vim

Sphinx

KQL, SPL

Pagerduty

Extrahop

Wireshark

tcpdump

EDUCATION

BSc (Hons) Economics

Brunel University London

1994 - 1998

GCSEs & A-Levels

Watford Boys Grammar School

1988 - 1994

INTERESTS

♥ **Health**

Kung Fu, Tai Chi, Callisthenics

♥ **Hobbies**

Home Automation & DIY, Toastmasters, Conferences, Podcasts

♥ **Volunteering**

School Code Clubs, Charity support