

SUMMARY

Customer-focused Technical 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 (Azure Certified Expert)** Morgan Stanley, London  
2009 - Present

Massive scale enterprise infrastructure architect using DevOps techniques & tools for automation & orchestration

- Engineering lead for cloud observability (logs, traces, metrics) & API gateway management (Spring, APIM)
- Previous roles as Cyber Security Analytics (SIEM) 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, \*nix since 1999

Tasks:

Implement enterprise-scale cloud security solutions & big data logging platforms ingesting 100TB+/daily

- Design & build of Azure's largest log pipeline, 20M/eps from 20k Kubernetes pods. Saved \$Millions over SaaS
- Foster trust & relationships into Azure to influence roadmap, patching & scaling of Azure Monitor, Sentinel, EventHub
- Innovate & advise on tools & techniques, e.g. created "RAINS" Splunk python app to ease AWS & Azure cloud migrations via a single pane of glass for log data with zero-ingest cost & no mass egress of data from the clouds
- Global team lead for the design, budget, build & operation of one of Splunk's largest state-of-the-art Enterprise Security (ES) SIEM deployments, to much customer accolade
- Facilitate security use cases cross-functionally to control threats, prioritize risks, automate compliance & cloud security posture management (guardrails, landing zones) using NIST guidelines and OWASP framework
- Communicate & knowledge share via SDLC ADRs (Architectural Decision Records), twiki & jive blogs 'The log of a logaholic - taming the logness monster'
- Proponent of life-long learning, self-improvement & productivity, e.g. https://t.co/eBBzCCerHm

Technologies used:

- Migrations (Azure, AWS)
- DevOps, SRE, Agile
- Cloud compute
- RedHat
- Proxies
- Productivity (OneNote, Teams, MindMaps)
- Observability

🕒 **CTO/Co-Founder** Think Media, Kuala Lumpur  
2008 - 2009

Launched a web start-up. Moved to Malaysia. Successfully pitched for venture capital funding to facilitate expansion & became number 1 property portal in Malaysia within 1 year (thinkproperty.my). Sold to a publicly listed company

Technologies used:

- LAMP (Linux, Apache, MySQL, PHP)
- HTML/CSS, JavaScript
- SDLC
- Internet marketing, SEO
- Google AdWords
- Remote teaming
- Finance

🕒 **Web Infrastructure Engineer & Support** Morgan Stanley, London  
2003 - 2008

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, e.g. during Splunk's infancy regularly met their CEO to give feedback to product development

Technologies used:

- Apache Tomcat
- IIS
- ITIL
- Splunk
- Datacenters
- C, Perl, Java
- Linux DMZs
- Operations

🕒 **Technical Consultant & Pre-sales Engineer** Doubleclick (Google), London  
2001 - 2003

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

Technologies used:

- PRINCE2
- DART
- HTML/CSS
- SQL Server, Oracle
- Netscape Iplanet, Apache
- BEA Weblogic
- Linux, Win Server

🕒 **Web Engineer/Graduate Trainee** JP Morgan (CSC Pinnacle Alliance), London  
1999 - 2001

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

Technologies used:

- Solaris 8
- Lotus Notes
- HTML
- Unix AIX
- Boole & Babbage MAXM System Monitoring
- Unicenter TNG

SKILLS & TOOLS

Infrastructure

- CeH, CISSP (Certified)
- Azure Solutions Architect (Certified Expert)
- Linux Sys Admin
- Python, BASH
- Ansible, git, Github
- Docker, Kubernetes (AKS)
- F5 BIGIP, Bluecoat ProxySG
- Cloudflare, Akama WAF/CDN

Observability

- Splunk Architect (Certified)
- Azure Monitor & Data Explorer
- Fluent-bit, Eventhub, Kafka
- DataDog, Splunk
- Prometheus, Grafana
- AWS FireLens/S3
- Azure Sentinel SIEM & Log Analytics

Others

- Agile
- Kanban
- Scrum
- VSCode
- Vim
- Sphinx
- KQL, SPL
- Pagerduty
- Extrahop
- Wireshark
- Topdump
- DevOps, CI/CD

EDUCATION

BSc (Hons) Economics

Brunel University London  
1994 - 1998

GCSEs & A-Levels

Watford Boys Grammar School  
1988 - 1994

INTERESTS

♥ Health

Kung Fu, Tai Chi, Biohacking

♥ Hobbies

Home Automation & DIY, Toastmasters, Conferences, Podcasts

♥ Volunteering

School Code Clubs, Charity support