

# KASH CHOWDHREE

## Cloud Solutions Architect

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### 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** Morgan Stanley, London  
2009 - Present

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** Think Media, Kuala Lumpur  
2008 - 2010

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** 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 - 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** 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

#### Technologies used:

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

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

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