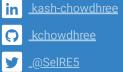
# KASH CHOWDHREE

## 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, IaaC config 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
- Forged relationships into Azure product dev for features, patches & scale optimizations
- Innovated and wrote "RAINS" Splunk app to facilitate cloud migration whilst maintaining a single pane of glass for log data with zero-ingest cost
- 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



















# CTO/Co-Founder

2008 - 2010

Launched a web start-up. Moved to Malaysia. Successfully pitched for venture capital funding to facilitate expansion and 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)





Internet marketing, SEO

## **Web Infrastructure Engineering & Operations**

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











C, Perl, Java

# **Technical Consultant & Pre-sales Engineer**

Doubleclick (Google), London

Think Media, Kuala Lumpur

Morgan Stanley, London

2001 - 2003

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

#### 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 & protyping. Support systems monitoring tools

Technologies used:

Solaris 8

**Lotus Notes** 

**Boole & Babbage MAXM System Monitoring** 

#### **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

Python, BASH

Ansible, GIT

Docker, Kubernetes

F5, Bluecoat, Spring Cloud

Cloudflare, Akama WAF/CDN

#### **Others**

Agile Kanban VSCode Scrum Vim Sphinx KQL, SPL Pagerduty Extrahop API Mgt 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, Longevity

Hobbies

Home Automation & DIY, Toastmasters, Conferences, Podcasts

Volunteering

School Code Clubs, Charity support