# 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, laaC 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













MS apps (OneNote, Teams)

CTO/Co-Founder

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



Internet marketing, SEO

## Web Infrastructure Engineering & Operations

Morgan Stanley, London

Think Media, Kuala Lumpur

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









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:** 

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:** 

**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

Python, BASH

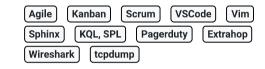
Ansible, GIT

Docker, Kubernetes

F5, Bluecoat, Spring Cloud

Cloudflare, Akama WAF/CDN

### **Others**



# **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