

# KASH CHOWDHREE

## Cloud Solutions Architect

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### 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

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**Cloud Solutions Architect (Azure Certified Expert)**

Morgan Stanley, London

2009 - Present

Massive scale enterprise infrastructure architect using DevOps & SRE for automation & reliability

- Customer facing migrations, planning, advisory, technical project delivery & operations
- Cloud infra compute, networking & observability (Splunk'ing since 2006, \*nix since 1999)
- 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, Spring cloud api gateway, F5 Load Balancing & Akamai Cloud WAF/DDoS mitigation

Tasks:  
Design, architect, develop & maintain enterprise cloud solutions

- Build of Azure's largest ever logging 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. coded "RAINS" Splunk python app to ease AWS & Azure migrations via a single pane of glass giving cost savings for big data log analysis of 100TB+/daily
- 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 Ansible   Proxies   Productivity (OneNote, Teams, MindMaps)

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**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 & Analytics   Remote teaming   Finance

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**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 for direct input to product development

Technologies used:  

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

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**Technical Consultant & Pre-sales Engineer (Frankfurt)**

DoubleClick (Google), London

2001 - 2003

On-site customer deployments & presales of DoubleClick AdServing Solutions. Multi-disciplined multi-cultural international consultant for disparate business & technical environments, 90% overseas travel (mostly Sweden, Germany, UAE & Russia) included troubleshooting, installs, training & project management

Technologies used:  

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

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**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, Akamai 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 + 1yr work Cherry GMBH in Germany  
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**  
Schools-based Google Code Clubs, Charity support, Communities 1st covid vaccine helper