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

- Design lead 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 security solutions & big data logging platforms ingesting TBs daily

- Design & build of largest Azure logging pipeline, 8M/eps from 20k Azure Kubernetes pods. Saved $Millions over SaaS solutions
- Built relationships into Azure product dev to influence roadmaps, patching & 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
- Global team lead to design, budget, build & operate one of Splunk's largest state-of-the-art Enterprise Security (ES) SIEM deployments, to much customer accolade
- Facilitated security use cases cross-functionally to control threats, prioritize risks, automate compliance & security posture using NIST
- Communicate via ADR docs & jive blogs 'The log of a logaholic - taming the logness monster'

Technologies used:

`Azure, KQL` `DevOps` `SRE` `Agile, Jira` `SWG Proxies` `RedHat` `Jive` `MS apps (OneNote, Teams)` `AWS` `Observability`

CTO/Co-Founder   Think Media, Kuala Lumpur
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)` `HTML/CSS, JavaScript` `SDLC` `Internet marketing, SEO` `Google AdWords` `Remote teaming` `Finance`

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` `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 providing consultancy, 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 and websites. Consulting to establish design briefs with wireframing & protyping. 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` `API Mgt` `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, Biohacking

♥ **Hobbies**
Home Automation & DIY, Toastmasters, Conferences, Podcasts

♥ **Volunteering**
School Code Clubs, Charity support