

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

● **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

Achievements:

Design, architecture, deployment & maintainence of production-scale enterprise cloud solutions

- Built Azure's largest ever seen logging pipeline, 20M/eps from 20k Kubernetes pods. Saved \$Millions over SaaS
- Fostered trust & partnerships with decision makers to influence roadmaps, e.g. Azure Monitor, ADX, Sentinel, EventHub
- Innovated & advised customers 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 using IaaS Ansible for streamlined change managemetn, to much customer accolade
- Facilitated 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 ADRs (Architectural Decision Records), blueprints, Sphinx/PlantUML/graphviz documentation-as-code, twiki & jive blog '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)

● **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

● **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

● **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 (PRINCE2 certification)

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 & websites. Consulting to establish design briefs with wireframing & prototyping. Support Unix systems monitoring tools & calendaring tools. Certifications in Solaris and AIX.

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