**Allan Eric Gill**

**Tel: 07715174493**

**Email:** [**allanegill@yahoo.co.uk**](mailto:allanegill@yahoo.co.uk)

**LinkedIn:** [**https://uk.linkedin.com/pub/allan-gill/1b/8b2/782**](https://uk.linkedin.com/pub/allan-gill/1b/8b2/782)

**Profile**

• Technical\Infrastructure Architect (TA) – Public, Private or Hybrid Clouds – 8+ years

• Solutions Designer (TDA) – 10+ years

• DevOps Engineer – 2+ years

• In excess of 21 years experience in design & implementation of WinTel & Linux architectures

• In excess of 23 years continuously supporting Networks and Microsoft platforms.

• In excess of 17 years of continuous Unix\Linux practice.

• Strong experience in Global, Financial, Engineering companies and Government organisations

• Strong experience in maintaining & managing excellent relationships incl. 3rd Parties

• Experienced Technical Manager – 6+ years

• Experienced Infrastructure Manager – 6+ years

• Experienced Service Delivery Manager – 6+ years

• Experienced Manager of Teams\Squads – 10+ years

• Experienced Security engineer – 16+ years.

**Career History**

**Infrastructure Consultant – Contract**

MoneySupermarket.com – St David’s Park, Ewloe, Flintshire. CH5 3UZ

January 2017 to present….

Core duties:

* Decommission two active UK Datacentres - reverse engineer resident systems, safely de-couple and document all integrations, propose migration strategies, transition legacy platforms to Cloud alternatives where appropriate, produce diagrams to illustrate interactions and dependencies.
* GDPR security compliance
* Transition on-prem platforms and services to either Azure, AWS or GCP as appropriate
* Design and deploy security tools - Okta, Cisco Umbrella, Mimecast, CloudPassage, Cylance
* Architectural designs for – Alteryx, Tableau, GroundLabs, Globalscape EFT

**Technical Architect – Contract**

Metropolitan Police Service – New Scotland Yard, 8-10 Broadway, London SW1H 0BG

January 2016 to January 2017….

Core duties:

* *As previous – Project brought in-house, Client retained my services directly to deliver the Project.*

**Technical Architect\Senior TDA – Contract**

CapGemini UK – Vauxhall, 95-97 Wandsworth Road, London. SW8 2HG

August 2015 to January 2016….

Core duties (working on the Metropolitan Police Service Client Account):

* Act as Technical Authority and Consultant within a high security environment for all New Scotland Yard Closure programme matters – a £22m programme of work – adhering to stringent and precise Security accreditation requirements.
* Facilitate New Scotland Yard Closure by removing and re-housing all Platforms located with the property whilst maintaining ‘zero downtime’. Apply vast experience to recommend, propose and deliver alternative solutions or migration methods on a system-by-system basis and oversee to successful completion.
* Technical Architect for the ANPR platform – a £6m project – define new Architecture for secure isolated Networks, Network Perimeter Security controls, Server Infrastructure, Storage, Application components, Core service Integrations, dual-running requirements and migration planning, to build & deliver new re-platformed ANPR solution.
* Produce Statements of Works, and engage 3rd Party solution partners where skills and resource requirements dictate – BT, Vodafone, Dimension Data, 3M, Hewlett Packard, Civica, ESSA, ATOS, CSC
* Liaise and collaborate (where required) with Governmental departments – e.g. TfL, The Home Office, City of London Police – to deliver new platform with minimal or no impact on Operational services.

**Infrastructure Solutions Designer – Contract**

MoneySupermarket.com – St David’s Park, Ewloe, Flintshire. CH5 3UZ

December 2014 to August 2015….

Core duties:

* Infrastructure Design & Solution Engineering - full analysis & design to meet solution requirements including DataFlow mapping, capacity, monitoring, availability, recovery, authentication, security, performance, extensibility, supportability & operational considerations\constraints.
* Cover Infrastructure\Cloud Architect duties, for a Public Cloud deployment in Amazon Web Services (AWS) and define core Infrastructure requirements – Authentication services, VPC, VPC Peering, Encryption, DNS, Build & Deployment Tools, Load Balancing, S3, RDS, IAM Roles & Policy, Direct Connect, Automation, Capacity & Performance, Security Groups, NAT, EBS Storage.
* Maintain the architectural principle of Cloud Service Provider autonomy, challenge solutions and designs that commit the company to proprietary AWS services, and mitigate accordingly.
* DevOps Engineer role – Utilise GitHub, Puppet, PuppetForge, Hiera, yaml, hiera-eyaml, RightScale, Jenkins, GO, Bootstrap\Tru-Strap scripts, Sensu, LogStash, SkyDNS, Artifactory, FlowDock, Vagrant, Confluence, Ruby & Ruby Gems to collaborate, design, write & commit code to build fully automated Infrastructure solutions. Fully extensible and re-creatable from source, maintain dev\CI\test\pre\uat\prod environments with a ‘phoenix server’ philosophy (destroy & recreate).
* Act as combined Infrastructure Architect\DevOps Engineer on ‘Enterprise Data Warehouse (EDW) project’. Design, Automate & Deploy HP Vertica (DB) + Talend (ETL) into AWS, covering all core Infrastructure dependencies and meet all Data Architect\Developer requirements. Using GitHub as source control and Puppet with associated automation components, ensuring all PII data security & integrity requirements are satisfied to host a dataset of c.30TB in size.
* Design, Automate, Deploy & integrate Tableau for BI delivery – consider dataflows, performance, load balancing & client access, authentication, availability, recovery and solution tiering.
* Design & automate all Data Staging infrastructure and connectivity to Legacy datastores for migration.

**Infrastructure Specialist – Contract**

MoneySupermarket.com – St David’s Park, Ewloe, Flintshire. CH5 3UZ

November 2011 to December 2014….

Core duties:

* Act as combined Infrastructure Architect\DevOps Engineer on new corporate SalesData application. Design, Automate, Deploy & integrate all elements comprising Play, MySQL, Java, storage, backups, load balancing, client access, backups, Windows2Linux interaction, to give Developers a platform to create a new Java solution to ingest company Sales information. Fully automated & integrated with Data Warehouse & core infrastructure services, using DevOps techniques & tools.
* Act as code ‘approver’ for an off-shore team of 3rd party DevOps engineers based in India. Using a peer review process, approve or reject GitHub repo ‘pull requests’ – based on code quality & meeting customer expectations.
* Provide 3rd/4th line support & act as internal technical consultant for System Administrators
* Support & maintain all aspects of Production Services, deploy highly available and resilient infrastructure solutions to maintain 99.999% uptime, and ensure no Single Points of Failure.
* Maintain 3 UK Datacentres, full HP server & SAN estate, ILO, CommandView, SIM etc.
* Maintain & enhance enterprise VMware estate – approx. 2,000 servers & 96 ESX hosts
* Design & Implement Enterprise log management solution – using Tibco LogLogic – alerting, trending, storage & retention of in excess of 52TB per/annum of raw log data (before compression).
* All aspects of Website hosting & infrastructure – Windows Server Failover Clustering, load balancing, BCM, DR planning etc.

**Principal ICT Officer (Technical & Infrastructure Manager)**

Hyndburn Borough Council – Council HQ, Accrington, Lancashire. BB5 0PF

July 2005 to November 2011….

Core Duties:

* Deputise/cover for Head of ICT in all matters as required
* Support the Head of ICT in the delivery of the ICT Service Plan
* Manage all ICT personnel and ensure that all hardware, infrastructure, communications technologies and application software operates efficiently and maximum service availability is maintained
* Manage projects and schedule work to ensure optimum use of resources
* Train, mentor and develop skills within ICT, in order to successfully delegate were appropriate

Responsibilities**:**

* Assess and evaluate feasibility of all new ICT solutions and purchases
* Define technical, infrastructure and application Roadmaps, decide on all aspects ‘Change’.
* Design and plan all architecture improvements within a culture of continuous improvement, by selecting and recommending new products, applications, hardware and communications technologies.
* Ensure interoperability of new architectural designs, plan & deliver smooth migration\implementations
* Ensure the Organisations Web presence is maintained and developed in line with emerging technologies, including provision of hosting arrangements and Infrastructure capacity.
* Ensure all ICT assets, data and infrastructure are secure by working towards ISO27001 and inline with industry best practice, utilising market leading products in conjunction with clear policies.
* Plan and implement ongoing Desktop ‘Technology Refresh’ replacements – incorporating and considering future Roadmap commitments by planning for a strategic move to Windows 7, Windows Server 2008, Exchange 2010 and Office 2010.

**Key Projects and Programmes:**

* Microsoft Architecture refresh: (Technical Architect & Delivery Lead) Full Design, Financing, Planning and Implementation of a refreshed Microsoft Enterprise Architecture. Encompassing Desktop migration strategy (to Windows 7), Server migration strategy (to Windows Server 2008), Email & Messaging strategy (to Exchange 2010 & ActiveSync), Security strategy (Desktop & Perimeter Malware\AV\Firewall solutions), Business Applications strategy (to Office 2010 & SQL Server 2008). Defined all aspects of delivery and deployment, ensuring all dependencies are covered in advance. Defined all project team roles and responsibilities. Scheduled all ‘go-live’ dates and appropriate resources to undertake installations.
* Government Connect (GCSx): (Infrastructure Architect\​Delivery Lead) ICT security compliance for connection to national GCSx network - Encompassing Vulnerability Scans, Encryption, Removable Media management, perimeter and host Firewalls, perimeter and host Malware management, Remote Access & Mobile Working, Workstation lock-down, Log monitoring applications, Patch Management, Physical security, Intrusion Prevention & Detection, Proxy Servers & SMTP relaying.
* Relocation of company HQ: (Tech Lead) Design & migration of full ICT estate, includes liasing with construction company onsite to define ICT structural requirements. Facets covered - fibre optics, cabling, network cabs, air conditioning, power, telephony, and full design for new corporate Datacentre. Migrated the Server estate and delivered all Workspace requirements.

**Senior ICT Officer**

Hyndburn Borough Council – Council HQ, Accrington, Lancashire. BB5 0PF

November 2001 to July 2005…..

* Provide 1st/2nd/3rd line User & Infrastructure support (on technologies as above)
* Maintain and support the Capita Revenues & Benefits application – mission critical application - using the CA Ingres platform, containing in excess of 70,000 tables

**IT Technical Officer - Contract**

Hyndburn Borough Council – Accrington Town Hall, Accrington, Lancashire. BB5 1LA

September 1999 to November 2001….

* Provide technical support to all council employees and Councillors (On Site & Off-site)

**Support Analyst**

Fluor Corporation – Fluor Daniel Centre, Camberley, Surrey GU15 3YL

June 1998 to August 1999….

* All aspects 1st and 2nd line Desktop, Network & Server support

**NOC Junior Analyst**

SHL Systemhouse LTD

June 1997 to June 1998…..

* Provide 1st and 2nd line Desktop & Server support as part of an outsourced team of IT personnel.

**Relevant Education.**

**** HNC in Computing

**Relevant Industry Training Courses.**

* TigerScheme – Qualified Ethical Hacker & Security Tester – Certified (Distinction)
* Institute of Leadership & Management L3 (ILM) – Certified
* MS6416C – Updating your Network Infrastructure and Active Directory Skills to Windows Server 2008
* MS2277C – Microsoft Windows Server 2003 Network Infrastructure
* MS2279B – Microsoft Windows Server 2003 Active Directory
* MS2801A – Microsoft Fundamentals of Network Security
* Novell NetWare 5.1 Advanced Administration
* Ingres 2.6 DBA (IDBA course at Computer Associates)
* WatchGuard Firebox - Firewall System Admin
* Fundamentals of Solaris 9 (Unix) for System Administrators
* BespokeProject Management – based on PRINCE 2 methodologies