

Paul Kelleher

DevSecOps, Platform Architect, Systems & Transformation Specialist

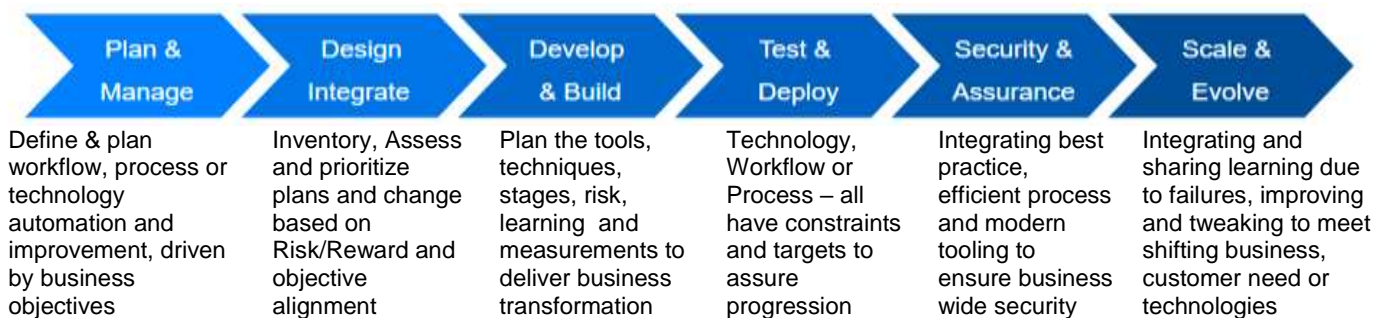
+447716446897
pknw1@hotmail.co.uk



A highly motivated and experienced technical lead; self-confessed geek; 25 years' experience spanning all sectors to deliver enterprise systems; my professional experience has equipped me to be an invaluable asset for any organisation where I help build culture, technology and process as business enablers


Hands on; greenfield or evolution of traditional services into highly available scalable platforms using Kubernetes, Docker, Infrastructure as Code managed and delivered via Continuous Delivery using tools such as Jenkins into both bare-metal Linux and Cloud Provider hosting


Highly adaptable, crossing function boundaries, I have experience and ability at all stages of the delivery lifecycle





My Current Skill-set and go-to tools varies depending on the requirement or platforms used – ranked chronologically:












Vanquis Bank	03/18 – 09/19	Data Infrastructure Engineering Lead
	<p>Engaged to help Vanquis transform the business to a cloud delivered, automated, scalable and agile technology model while adopting agile/DevOps methodologies for prioritizing and delivering banking systems to rival the challenger banks. Building new teams to enable full stack support for the most key area of the bank – the data solutions for Customers and Business Intelligence</p>	
<ul style="list-style-type: none"> • Re-architect cloud solution into a security conscious design and future proofed for multi cloud • Infrastructure and Deployment evolved into git pull triggered CD/CD pipelines using VSTS CI/CD, Azure DevOps, Microsoft Flows and Azure CLI (Terraform/Ansible) • Build and upskill engineers so that they can support a IaaS service • Extrapolated stateless services into serverless provisioned services • Develop and roll-out a planning and delivery strategy through standard component blueprints and easily adaptable infrastructure by leveraging Terraform • Planned and rolled out secure segregated development and staging areas to replicate complexity of production at lower cost scale • Responsible for all data projects from design and architecture, security, CI, deployment, monitoring and support and cost saving exercises dropping ~10% of cloud cost annually • Implementation of Azure QnA Knowledge systems reducing escalated issues • 30 separated convergent delivery pipelines allowing autonomous development streams 		

Promoted Internally within 6 months	SmartFocus	07/15 – 08/17	<i>Application Support</i> promoted to Head of Operations
	 <p>Modernise the companies production operations considering the global layout of the support teams and unify the disparate support processes ranging from outdated manual build processes, inflexible hardware allocation and wholly separate development to production entities to a fully integrated and as much as possible automated self-maintaining offering to allow the business to evolve at the rate it desires</p> <ul style="list-style-type: none"> • Manage five separate architectures and product teams for Email, Analytics, Tracking, Targeting and customer lifecycle through single product management (Jenkins) • Rationalised/re-architected to use AWS as in a cost-effective manner • Transition to DevOps culture by managing inputs and mixing disciplines • Containerised one of five “legacy II” apps using a self-contained, auto scaling, self-healing stack Docker on AWS/TIN with Mesos/Marathon • Introduced and pushed best practice containerisation and true micro-services approach to evolving product with minimal production impact. 		

FICO	03/15 - 06/15	Web Operations Engineer II
 <p>Manage the evolution and deployment from development platform into the main production environment, documentation and managing CI (Chef/OutSystems) process and technical aspects of the products for support by Pune and Bangalore frontline support</p>	MORE	

rGenerator	06/14- 02/15	WebOpsSpecialist
 <p>Lead ops specialist recruited to formalise and build initially UK then follow-the-sun support structure for Sony DADC's burgeoning web production service – rGenerator - dealing with all manner of sites from static to lifecycle of Sony D2C sales platform</p>	MORE	

Promoted Internally within 1 Year	Daily Mail	09/11 – 12/13	<i>Application Support</i> promoted to Support Lead
	 <p>Working as part of a 6-person operation team, I was responsible for the support, maintenance of the production, integration and development environment for MailOnline which is a non-typical; n-tier architecture providing content to over 125 Million visitors per month in an Agile continuous development/integration cycle. Using a wide range of platforms based on solid Solaris, Linux, Windows and cloud platforms, utilising a whole range of technologies to provide a robust environment from development through to production. The role is also responsible for production maintenance and support of numerous other DMGT online offerings, including Metro and Wowcher. After working as a senior application support analyst, I progressed to own and manage many of the support processes while still playing a key hands on role in the entire life cycle – most especially the time critical support of the production platform – a platform which has 100% uptime through CDN.</p> <ul style="list-style-type: none"> • Senior product expert for MailOnline, Metro and other DMGT offerings ensuring immediate triage and permanent solution development for the custom MailOnline editorial and publishing system (Akamai, Java, MQ, Hibernate, Grails, Perl/Shell, Oracle 10) • Problem solve all development integration and production issues that arise from integrating development using various platforms using Java trace, system logs, http error codes, dtrace, truss etc.) • 600+ server implementation across development, integration, test, production and off-site disaster recovery on using tomcat and WebLogic J2EE containers backed onto a resilient Oracle back-end • Availability and scalability through Akamai CDN and Riverbed Zeus load-balancers (utilizing GLB) key to the role • Deployment to all environments of the Java based editing and publishing platforms • Development of part-atomisation using Perl, Chef, Maven and Atlassian bamboo to deploy from source and integrate into existing platform • Global support on a 24x7 on-call basis (on rota initially, then as “always on” support for existing junior staff) • Co-ordinate and manage the BAU process and teams for development of online publishing systems – ranging from enhancement definition, estimation, planning, implementation, testing and deployment. • Recruitment and staff planning from graduate to senior positions 		

	DVLA 05/10 – 09/11	Technical Services Manager As an Administration Officer, I was responsible for direct interaction across the DVLA in order to ensure legal compliance with driver license legislation in the UK. A challenging role, I was required to call on excellent interpersonal, technical and management skills to ensure that business goals were met and exceeded
<div>Promoted</div> 	Vodafone 09/06 – 04/09	Customer Support promoted to Support Team Leader and AOM Responsible for the day-to-day running and management of large technical support team working for clients in Telecoms and Media. My first direct managerial role, I was still heavily involved in the support of internal and external clients on a senior support basis.
	CitiGroup 03/04 – 08/06	Senior Middleware Support Analyst Joining the enterprise hosting department within Citigroup, I was tasked with not only the technical requirements of the role, but with creating policy and procedure that would be used in the day-to-day operation of the department in support internal J2EE projects across the EMEA and US.
	First National 2002 - 2003	Solaris Application Support As part of the well-established web applications team, I was responsible for individual projects through from development to implementation while maintaining high availability and standards for many customer facing, revenue generating web application
	Rubus 2000 - 2002	Infrastructure Consultant Joining Rubus in July 2000 from IBM, I worked on multiple Rubus engagements encompassing infrastructure definition, implementation, administration and support. This role was key is setting Paul up as a highly independent thinker working as part of a close knit development and support team in a high pressure environment for a wide range of clients, gaining experience in a multitude of enterprise technologies.
	IBM 1999 – 2000	IT & Systems Specialist Returning to IBM immediately after finishing my degree, I worked on the day-to-day running and maintenance of the department infrastructure to support a UK wide network of Marketing Centers covering OS/2/Windows/MVS/AIX Token Ring LAN with MPN/FAME WAN across 8 locations in UK and all Dev/Admin for the Lotus Notes Applications
	IBM 1997 - 1999	Industrial Trainee During my placement year at IBM, I was the interface between the centrally managed services and the seven UK marketing centers ensuring that the services and systems were available for the various internal IBM customer's and external customer's making use of the facilities
	UWE 1995 - 1999	BSc Computing for Real Time Systems The CRTS degree is a technical degree encompassing all the important areas of software engineering and computing degrees with an added hint of "real-world" application thrown in for good measure. The various modules studied during the four year degree (including one year in industry) gives the student a unique understanding of various computing environments and leaves the student with skills to branch into almost any area of computing and problems solving environments.
	Personal	My Personal Integration project used as a test bed for new tools and tech A Highly integrated suite of tools and services run in micro-services, containers and traditional Linux based software utilizing, amongst others azure pipelines, GitHub, Portainer, OpenVPN, HAProxy, LetsEncrypt, Ubuntu, Proxmox, KVM, rClone, Google Drive, UnionFS, xRDP, Ansible