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| Justin Fretwell | Address  Telephone  Email | Apartment 5, Oriel Court, Manor Road, St Albans, AL1 3FN  Mob: 07971 600436  Justin@Fretwell.me | |
| Professional Profile TOGAF certified architect, able to analyse business visions and goals, providing roadmaps for business senior leadership, driving up customer satisfaction. Designing and ensuring successful innovative solutions to IT requirements within scheduling constraints. Demonstrating confident communication skills and natural management qualities. Highly self-motivated individual with a sound understanding of complex technologies. | | | |
| Experience | | | |
| * Over 10 years in Retail * Architecture in agile delivery methodology * Supplier & Vendor Management for existing and new systems * Chair the Architecture Review & Governance Board * Serverless microservices using AWS and Azure cloud services * Enterprise architecture * Defining the target architecture, as-is, to-be and the transition architecture * B2B eCommerce platforms, B2C and internal enterprise systems * Defining principles and policies * Leading teams of architects in designing large projects * Scrum management using Microsoft DevOps providing the backlog * Datacentre transformation/migrations and cloud services * Technologies including, AWS, Azure (Azure Data Factory), Dell Boomi (ETL and MDH) iPaaS, Microsoft DevOps, IaaS, SaaS, PaaS * Accountable and responsible for detailed plans in a multitude of work streams: Enterprise Systems including Payroll (Ceridian, GroupS, Corepay, Meta4, SDWorx), Workforce Management, HR (Workday), Time & Attendance (Kronos, Manus, Timepoint), Learning Management Systems, Invoice matching and PO management, P2P (Procure to Pay) | | | |
| Career Summary | | | |
| **April 2019 – Current St. Modwen Construction (Contract)**  **Solution Architect** for the Birmingham based construction company St. Modwen Properties Ltd, architecting the Data Warehouse project, providing the end-to-end solution from the source application architectures, integrating the data using ELT (ETL) tools, Dell Boomi and Azure Data Factory using serverless technology providing elastic compute for the SQL and Analysis services and ultimately being presented using Power BI. The project is being run using Agile methodology and as such responsible for running the daily stand-ups prioritising the backlog on Microsoft DevOps.  Responsibilities also included hosting workshops with stakeholders, suppliers and vendors, using construction specific applications (Qube, COINS, Altus’ Argus Developer/Enterprise). Writing the architecture documentation (HLD, Key Design Decisions (KDD)). Chairing the Architecture Governance Board (AGB).  **October 2018 – April 2019 River Island (Contract)**  **Solution Architect** – Invoice Matching, PMO tooling, Expense Systems. Also, in the Retail domain for the Wholesale project including integration to the in-house PLM. Due-Diligence and RFP of Wholesale COTs system suppliers.  River Island works in an agile environment and is driving towards decoupling its business functions from the ageing monoliths by developing them with microservices in a serverless environment.  With that general principal in mind I have designed the Wholesale platform that allows for a growth target of 150% over 5 years. Including integration with a 3rd party B2B eCommerce platform as a consideration. Providing solutions with regards to products (PLM), presentation to customers, ordering, raising POs and fulfilment, all underpinned with BI and reporting.  River Island engineering teams use agile project delivery principals in an AWS microservices environment.  **August 2016 – October 2018 Primark Stores Ltd (Permanent)**  **Domain Architect** for the Central Systems domain encompassing Financials and People & Culture (HR, Recruitment, WFM, T&A, Payroll, intranet and back office functions).  Presented a 3-year capability roadmap for the People & Culture domain to the senior leadership team.  Solutions include a payment provider for suppliers and an RFI/RFP for a payroll upgrade in Ireland and UK. Learning Management System (LMS) RFP also underway.  Completed solution blueprints for integration of cloud-based (SaaS) applications such as Workday HR and ERP into Primark France, with integration touchpoints with Payroll (Ceridian, GroupS, Corepay, Meta4, SDWorx) and T&A systems (Kronos, Manus, Timepoint) and careers application Brassring.  As a domain architect I have also provided a number of enterprise business artefacts relating to business goals, line of business objectives, as-is, to-be architectures and strategic roadmaps for the respective domains.  **August 2014 – August 2016 Whitbread (Contract)**  **Technical Lead** for the ‘Futures Programmes’, a 5 programme, 2-year plan, encompassing a complete overhaul of the Whitbread technical assets; Service Management; Datacentre consolidation; AD; Network and Outlets (Premier Inn & Restaurants), all of which are made up of a number of projects. There is an architect assigned to each project of whom falls within my sphere of responsibility.  **Lead Architect** for the Premier Inn B2C eCommerce infrastructure re-platform program. PI.com manages £1Billion worth of transactions (£300K per hour). Responsible for all levels of design work undertaken by Whitbread’s partners and vendors, illustrating key design decisions and presenting the solutions to stakeholders.  Multiple cloud based projects including MS Dynamics 2015 online integration to Adobe Campaign and AEM. COTS package interfacing with a number of Whitbread key systems for data and metric information.  **March 2014 – August 2014 Adaptavist**  **Pre-sales consultancy**, customer requirements gathering and proposals for the Atlassian suite of products e.g. Confluence and JIRA.  **Retail Reply Consultancy 2010 – 2014**  **John Lewis Partnership - Enterprise Architect**  Capability led enterprise architecture enablement based on TOGAF core concepts.  Identifying business goals, strategies and visions and translating them into IT capabilities. Producing a roadmap of Work Packages that Partnership Services can use to drive programs of work.  Promoting reuse by producing a Capability model template. This provides architects/designer with a conceptual, logical and physical understanding of a service, process or technology that is used frequently in the business and designs.  **Sainsbury’s Plc** - **Infrastructure Architect**  The **Proteus programme** £70Mil eCommerce (WebSphere Commerce) re-platforming solution, bringing Sainsbury’s online ‘in-house’. It consisted of a 3-tier network stack, incorporating a mixture of standalone and VMware vSphere using Oracle RAC in a cross site, active-active setup.  Designs for **Magenta**, a “Mobile Scan & Go” smart-phone app with the ability to scan and accept card payments, interface into a PCI-DSS compliant backend infrastructure.  **WebSphere Volumetrics –** Analytics project design and vendor management, of which purpose was to greatly increase the drop rate of online purchases per van load; using automated logic, a combination of van data (e.g. capacity, location), product weights, customer data (e.g. order history, doorstep time, purchase behaviour).  **Ladbrokes Plc**  Ported a betting games-terminal to a new frame, using Linux. This involved a number of considerations including using non-standard python drivers procured from a third-party company, ensuring those drivers loaded at start up.  **Fujitsu Services 2004 – 2010**  **Office of National Statistics**  Lead architect responsible for a legacy datacentre transformation program for which project I won a company award. Responsible for architects across multiple sites and 200+ systems. Discovery, design work attributed to the procuring, implementation and migration of servers and data plus decommissioning of the legacy systems.  **Financial Services Authority**  Designed an infrastructure project for an analytical risk engine platform. Including a ‘IaaS Cloud based’ cost model.  **Scottish Water**  Large Unix Migration – Migrate 16 end of life, E15K domains to M5000 and T5440 for Scottish Water’s Oracle production environment.  **Ford Motor Company – Jaguar & Land Rover Technology**  Technology Transformation Unix Tower Lead - Managing 14 Unix engineers (UK & US based), for the Ford Jaguar & Land Rover (JLR) technology transferral called the SWIFT project using a process called 'Clone & Go'.  **Ford Motor Company - Data Centre Unix Technical Manager**  Responsible for 600 enterprise servers within Ford's European Data Centres and a team of ten people. Complying with SOx-404 and ITIL methodologies.  **Previous Employment**  **2002-2004 Akhter Computers Plc, Harlow, Essex**  **Applications Developer** - Developed and launched a Linux Thin-client solution on a 30MB footprint with a Perl/Tk GUI. Features included audio, USB local disk and industry standard SSL for the communication.  **2000-2002 Marconi Communications, Chelmsford, Essex**  **Software Engineer** - pRISM Embedded C programming - Designed and implemented STM-1 electrical switch card protection and redundancy software on a remote or locally controllable digital switch. Created system test documents to compliment it.  **1999-2000 GTECH U.K. Limited, Watford, Hertfordshire - Software Engineer** - pSOS C Programming - Designed and implemented lottery games using pSOS in C code.  **1997-1999 Schlumberger Corporation ATE Division, Ferndown, Dorset - Software Engineer** - Designed and implemented the dashboard test equipment for TRW production plant in Germany. | | | |
| Professional **Training** | TOGAF v9.1 | |  |
| ITIL Foundation Course | | Intel High Performance Clustering |
| IBM ESX VMware | | CIPD An Introduction to the Team Leader Role |
| High Performance Sales in Consulting | | Team Building and Personal Development |
| The People Skills of Management | | Solution Owner course |
| Risk Management course | | Infrastructure Design & Build Methodology |
| **Technical Experience** | * Other experiences include: SOA, DDI, ADDM, Atrium CMDB, ServiceNow, Citrix VDI, IBM Tivoli Storage, NetBackup. Bash shell scripting. * Operating system platforms: AWS, Lambda, Kenesis, IBM AIX, Solaris, Sun Cluster. Linux (SLES, Debian and RHEL). VMware ESX vSphere. Microsoft Windows & Server environments. * Hardware platforms: IBM x-series, p-series AIX, Oracle M5000 (high availability clustered environment). Nokia Checkpoint firewall, F5 load balancers. CLARiiON SAN, StorageTek SL3000, NetBackup, Brocade and Cisco networks | | |
| **Education** | Portsmouth University BEng (Hons) | | Electronic & Computer Engineering - (2:2) |
| **Interests** | Sailing, Hill Walking, Computing & Reading | | |