

Curriculum Vitae - Charl van Graan

I am an experienced senior IT architect with a strong delivery background and an expert in the area of large end-to-end solution development and implementation. Broad ranging experience includes delivering within very different operating environments including the financial, industrial, health care and public sectors. I have extensive experience of working with onshore and offshore resources and demanding governance structures.

Key Achievements

- Designed and developed a knowledge management asset which has been implemented worldwide into a large petroleum company in over 50 countries, a government agency and a large financial institution.
- Designed and developed an award winning UK government portal for farmers to facilitate compliance with EU farming regulatory requirements. Delivered on time and to budget the portal allowed 41 000 farmers to access information, surveys and directives and complete regulatory requirements. Cited by the then prime minister as the first example of joined-up government the portal provided a 30% cost saving for the department.
- Lead architect for two banks from inception to launch (UK online bank - cahoot & South Africa saving bank – Perm bank), each bank had over 1 million customers.
- The development of a Core banking package that was sold worldwide by Unisys and was implemented in three banks.

Key Skills

IT strategy and roadmap - experience in defining and delivery of an IT strategy which includes the TOM (Target Operating Model) and the underpinning roadmap to support the journey.

Solution design & development – experience of delivering complex projects across the full system development lifecycle, in vehicle manufacturing, education, finance, public sector, health and human capital management.

IT management & governance - the development and tracking of programmes with the aid of dashboards and implementing by exception escalation. This also covered the set-up and implementation of design authority (both business and technical) within projects and IT organisation. This involved the definition and agreement of areas of responsibility, escalation and power of authority.

Cloud application consulting - this involved a comprehensive knowledge and understanding of how applications are designed and what is possible when evaluating their

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suitability for cloud. The outcome can be a simple lift and shift to far more intrusive application remediation.

Tooling & Methods - the definition of a tooling strategy, the implementation, set-up and governance. This covered the full development lifecycle and the tooling to support the development, testing and implementation process. This process led me to develop a single repository which provides centralised knowledge to the whole organisation.

Career Summary

Jan 2015 – Date	Director	Chartech
Provision of IT architecture, consultancy and project management services		
May 1995 – Jan 2015	Executive IT Architect	IBM UK
Responsible for designing and developing solutions for customers across all disciplines of architecture, SDLC and frameworks.		
Jan 1990- Feb 1995	Technical Specialist	Nedcor
June 1986 – Dec 1989	Software Consultant	TDF Consultancy
Dec 1983 – May 1986	Analyst Programmer/System Software	Toyota Manufacturing

Professional Memberships

Member of the British Computer Society / Chartered IT professional since 2007





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Education & Professional Development

2014	IBM Cloud certification
2007-2011	Technical Master Class I, II, III & IV
2007	IBM Certified Executive Architect (recertified 2010 & 2013)
2006	IBM Global Services Method for Exponents (Advanced)
2005	Creating a Business Integration Architecture with Reusable Patterns
1993 – 1994	Unisa (S A) Business Administration in Management (Part time)
1980 – 1983	Durban University of Technology (S A) Electronic Data Processing in Computing (Graduated with Distinctions)





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Major Project Summary

Project	Role	Project Information	Skills	Tools
Knowledge management Client: Nationwide Building Society	Strategy and high-level design of a knowledge management solution focusing on Operational Resilience as the starting point. The proposed solution has a knowledge spine at the heart of the solution with feeds from "systems of knowledge". I am responsible for the strategy and design of the knowledge management solution.			
	Role: Solution architect Dates: 10/2018 to present	Team size : 10 members Budget >£5M	Solution architect	E1 Aris Service Now Apps Dynamics
Technical integration Client: MS Amlin	Global HR project with Workday integrating with 11 payrolls across Europe, Asia pack, Caribbean and USA. Integration to Azure, service desk, learning management system an expense system. I was responsible for the end to end design, specification and quality assurance of the solution. This also includes the integration specifications for all the listed payrolls below.			
	Role: Solution architect Dates: 01/2018 10/2019	Team size : 2 members + 9 external suppliers Budget >£6M	Solution architect / Integration architect	Workday Azure SD Worx HR Accent YouForce HR Online BDO Polygate Tri Net Expertise Timesoft InterTrust Grant Thornton
Technical integration Client: iPSL	Responsible for the definition and integration of Kappa fraud detection used by all major banks for digital cheque fraud detection. Also responsible for major bank changes to the existing systems.			
	Role: Solution architect Dates: 12/2016 to 12/2017	Team size : 10 members Budget >£100M	Solution architect / Integration architect	Kappa fraud detection Decision workflow .Net environment
Technical integration Client: HCA	Technical lead to integrate HRMS, benefits, learning management and recruitment SAAS systems for a leading private healthcare provider. Responsible for the overall design, integration and the technical management of suppliers. (see LinkedIn project profile)			
	Role: Technical lead Dates: 03/2015 to 11/2016	Team size : 1 member + 4 external suppliers Budget >£1M	IT leadership / Solution architect / Interface design/ SOA	Workday NetDimensions Talent-Link Mercer IBM Castiron
Cloud assessment	Developed and ran workshops with clients to assess the application portfolio for cloud affinity. This process involved evaluating applications for suitability to move to a cloud environment. As part of this role, I developed a process framework adopted by IBM.			

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Project	Role	Project Information	Skills	Tools
Client: L&G	Role: Cloud consultant Dates: 10/2014 to 01/2015	Team size : 2 member + customer staff Budget >£200K	Cloud strategy / Cloud Roadmap	CMS / Softlayer
Technical assurance	Technical assurance lead that helped guide and shape the government agency solution. This covered areas such as governance, solution assurance, tooling and implementation.			
Client: Disclosure & Barring Service (DBS)	Role: Lead technical assessor Dates: 01/2014 to 09/2014	Team size : 6 agency staff + main contractor Budget >£20 million	IT leadership / TOGAF /SDLC / UML / SOA	Seibel / Oracle 10g / IBM Infosys Master Data Management / Oracle Service Bus / Oracle Policy Automation
Design authority	Responsible for the design of the applications that formed the basis of the new bank. This process involved downsizing a multi-national bank to fit a regional bank. I also directed and led the development tooling evaluation and implementation.			
Client: RBS	Role: Enterprise architect / Design authority Dates: 03/2013 - 12/2013	Team size : 4 DA member + customer staff + contractors Budget >£500K	IT leadership / IT strategy / SDLC	Websphere / Oracle / Corebanking / Rational Asset Manager / Clear Case / Endeavor
Tooling integration	Worked with suppliers to establish a baseline of what would be shared between supplier repositories and the integration repository. This involved the definition of numerous workflows and working with the department and suppliers' security teams to ensure we met all security concerns. I also set up the tooling governance board for tooling that included change request, problem management and education.			
Client: DWP	Role: Lead tooling architect Dates: 07/2012 - 03/2013	Team size : 3 member + customer staff + 2 sets of contractors Budget >£250K	IT leadership / Tooling Strategy / Tooling roadmap / SDLC	Rational Team Concert / Rational Requirement Composer / Rational Quality Management / HP Quality Centre / HP Performance Centre / Rational Method Composer
Strategic Tools Strategy	As the enterprise architect I initially set the vision and direction of the strategic tool. From this starting point I have then developed the System Knowledge Base this includes customisation, configuration, migration, education and rollout activities. The DVLA agency has it's own tailored method and it requires ongoing governance, development and improvements. I was also the method exponent on the account and responsible for the ongoing governance, development and improvements to the method.			
Client: DVLA	Role: Enterprise architect Dates: 11/2009 - 07/2012	Team size : 5 staff UK based Budget > £2 million	Workflow design & development / Asset management	Rational Asset Manager / Rational method composer
Knowledge management	Led a multi-national virtual team with members in India, Brazil, USA and the Netherlands. The Knowledge Management project realised a vision for globally			

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Client: Shell	distributed, multi-supplier delivery of IT initiatives for a major petroleum business, supported by common standards, method, process and tool sets.			
	Role: Chief architect Dates: 08/2007 - 12/2008	Team size : 3 staff UK based 80 staff off shore – India 10 staff off shore – Brazil 2 staff Netherlands Budget > £6 million	Process mapping / ITIL / Workflow design & development / Asset management	Rational Asset Manager / Rational method composer / HP Quality Centre / HP Performance Centre
Farmer's portal	The deliverable was based on a farmer repository with an end-to-end solution for government agencies. Online and offline elements were linked with a portal that integrated the farmer experience. Project involvement covered both the tactical and strategic direction of the solution which included web services, portal and an SOA environment covering both Unix as well as Intel environments. (see LinkedIn project profile)			
Client: Defra	Role: Lead architect Dates: 08/2004 - 09/2006	Team size : 40 staff developers / 2 subcontracting companies (60 staff combined) Budget >£15 million	IT leadership / SOA	Java / .Net / MQ series / Oracle 9i
Healthcare community system	This project's key deliverable was to create a working ICRS system to be used by primary care staff in the PCT, enhancing patient care by sharing data with previously 'locked' in GP systems. The project had a fixed timescale and a fixed budget set by the National Programme for IT. This included the specifications of the interfaces to various legacy systems. Other project deliverables included GP integration, pathology and radiology, clinical letters and a bespoke PDA application for district nurses.			
Client: NHS	Role: Lead architect Date: 02/2003 - 12/2003	Team size : 4 members + subcontractor (30 staff) Budget >£1 million	Lead architect / Solution architect	Newchurch / EMIS / Torex / CISS / CPA / PAS / Anglia
Retail bank	The project delivered one of the first internet banks (cahoot) into the UK. The solution developed consisted of a multi channel approach with the major channel being the internet. The solution was designed and led by three architects:- application, infrastructure and service management. I was responsible for the application and interface design as the solution was based on a COTS core banking solution and card package. (see LinkedIn project profile)			
cahoot	Role: Lead architect Date: 01/1999 - 01/2003	Team size : 8 members + 2 main subcontractor Budget >£12 million	IT leadership	Visual banker / Fiserv / Paysys / Blaze Rules Engine
CoreBank	This period consisted of multiple roles within the development of the CoreBank product. The various tasks I was responsible for included the definition of the customisation elements within the Corebank product. On pre-sales and the initial implementation, I was responsible for the scoping and all technical aspects of the application.			
European banks	Role: Lead architect Date: 04/1996 - 12/1998	Team size : Various projects 6 permanent members on the team / customer teams varied in size depending on project Budget >£2 million	IT leadership / Corebank / IFW	Corebank / MQ / DB2 / HPS

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