***Key Attributes***

**ARCHITECTURE & GOVERNANCE, ITIL, TOGAL L1, AIX CERTIFIED, PRE-SALES, STORAGE, MANAGEMENT, ARCHIMATE TRAINED**

**BACHELORS DEGREE (Bcom. Informatics), AGILE**

# **Profile**

##### I am a visionary professional in the design and architecting, delivery and implementation of digital, high-performance ICT solutions that address complex problems and contribute to business growth. My skills include a combination of strong architecture, technical leadership, analysis and design talents with a background that includes complex systems integration, HPC storage and filesystem deployments and an AIX/Unix Specialisation, as a result of my experience as a Solutions and Infrastructure Architect at Barclays Africa, Field Application Engineer & Pre-sales consultant at DDN Dubai and AIX system Specialist at IBM. I have In-depth experience in establishing best practices and guidelines for selecting, developing, and implementing information systems within an enterprise. I have knowledge of and Experience with hardware, software, networking, applications, and systems engineering, team leading and training.

##### I am currently completing my Honours degree in Information Technology and my previous qualifications include; a Bachelor of commerce degree in Informatics, from the R.A.U (University of Johannesburg).

Currently completing AGILE train-the-trainer course at Barclays

##### My professional certifications include: AIX, ITIL, TOGAF Level 1 and DDN Storage.

##### Soft skills; Easily adapt to and thrive on change, excellent at managing projects, ability to effectively collaborate and work as a team and I am able to lead and motivate team and advise them technically.

# **Experience**

### Solution Architect – Distribution (Branch, ATM and Digital Channels) May 2016 – Current

* Working with senior business and Technology stakeholders to understand business objectives, business capabilities and the existing technology
* Agile delivery, Project Management and solutioning, using JIRA, Confluence and Kanban boards
* Create conceptual technical solution designs based on business requirements, architectural frameworks and standards as well as accepted IT best practices.
* Present and discuss considerations within conceptual designs to business for consideration.
* Development of high-level designs to meet business requirements.
* Manage practical integration of design components from technical team input.
* Develop detail design from high-level design based on technical detail acquired from relevant teams.
* Present high level, conceptual and E2E architectural designs to Architectural Governance Forums and ensure they meet all ABSA and Barclays standards.
* Liaise with implementation teams regarding design requirements at time of implementation.
* Taking company forward on a virtualization strategy; moving off physical infrastructure to things like AWS, virtualized storage,, shared databases, virtual server platforms.
* Identify and advise resilience capabilities and technology strategic planning and design
* Design and deployment physical and virtual Infrastructure.
* Directed and worked alongside teams in the U.K and India to deliver consistent complex infrastructure architecture solutions
* Provide and advise on expert level of understanding of seven domains of the Infrastructure Stacks, which include Application Tier, Middleware Domain / DMZ, Business Server Domain, Database Domain, Storage Domain and its associated networking architecture, Core Network Architecture Domain, and the Facility Domain
* Meeting with various vendors for “fit for purpose” solutions
* Managing multiple large-scale infrastructure projects across matrix environments, and multi-phased, complex migration programs that address technology (data-center design and build, server and desktop environments, storage technologies, virtualisation (server, desktop and storage) technologies, LAN/WAN switching and routing, firewall technologies, hardware load balancing, and IT Security
* Technologies worked on; Oracle, SQL, Hadoop, AWS, core banking systems, Data power, informatica, Teradata, MongoDB, F5 loadbalancers, Windows, Linux, AIX, JBOSS, EMC VMAX/ISILON etc

### Solution Architect - GTIS March 2014 – April 2016

**Infrastructure Architect December 2013 – March 2014**

#### Company: Barclays Africa

* Started as Infrastructure designer in December 2013, promoted to solution architect in March 2014
* Provided technical, solution development, and project management expertise to various projects
* Initiated an effort to create transformation program road map, to streamline forum processes
* Contribute to the development of business unit strategy for the information and insight on potential improvements for products or services and an assessment of the existing situation and anticipated.
* Stay abreast of industry and operational trends and role players and ensure that Infrastructure architecture and design is well positioned to provide competitive and industry leading services.
* Analyse the effectiveness of architecture, processes and systems in use in the department and make recommendations for improvements.
* Technical Review Board Chairman – making sure all governance gates as well as Technological standards are being adhered to
* Achievements – Digitizing all TRB Artifacts hence resulting in reduced risk to the organization by going paperless and improved auditing and tracking
* Served the role of Team Lead and IT Architect to support and deliver services to steady state commercial accounts
* Delivered services to critical systems and servers.
* Technologies worked on; Windows, Striata, Unix, AIX, Oracle, SQL, Hadoop, AWS, core banking systems, Data power, informatica, Teradata, MongoDB, Websphere, Various Storage platforms,

### Field Application Engineer and Presales Engineer 01 October 2010 – 24 November 2013

#### Company: DataDirect Networks Inc.

* Installation and maintenance of SAN appliances and CCTV solutions.
* Technical support calls and onsite resolution.
* Oversee product-testing requirements to obtain customer certification for field deployment.
* Benchmarking
* DDN storage solutions against top storage providers, such as EMC (Isilon), NetApp, IBM, Hitachi.
* DDN storage solutions on the following video management software from various companies including; Honeywell, March Networks, Avigilon, IndigoVision, Urban Shield, Genetec, Milestone, ISS and DVTel. Providing reports to worldwide team.
* PRO for our EMEA office, in Dubai.
* Site surveys, project plans, installation/setup designs and SOW’s.
* Presales tasks: customer meetings, solution/architecture designs and quotes for solutions. Researched and analyzed competitor offerings and identified core solution differentiators to gain market share, presented the solution to the prospective clients and responded to various RFPs.
* Project management: from initial meeting, requirements documentation till actual deployment and sign-off from customer. (Documentation included project plans Gantt, charts etc.)
* File system administration: GPFS and SNFS.
* Customers included: Saudi Aramco, ADNOC, Various MOI’s in the middle east, CSIR South Africa, Mbada diamond mine, KAUST, Liberty Properties (South Africa).
* Leading diverse team in U.A.E office, while team was located at various places in middle east
* Technologies worked on; Storage Platforms (DDN, EMC, Netapp, Hitachi, Dell

### Certified AIX System Administrator 30 April 2006 – 30 September 2010

#### Company: IBM South Africa.

Selected to join the Graduate program at IBM, which involved 9 months training on AIX, I was subsequently chosen to work in the IDC, then moved to ITS department, providing on-site support to MTN, as an AIX IT Specialist.

* Support and maintenance of 24/7/365 operating systems and network connectivity for AIX systems
* Monitoring, controlling and operating computer systems, networks, applications and/or distributed systems.
* Analysing and solving first level problems for all systems (according to SLA).
* SLA management
* Security: Implementation and maintenance of security as per IBM GSD/ISEC and ITC standards, Assist with any audits announced by IBM or the client, Compliance checking, Check for due/overdue CIRATS and/or APAR records and update accordingly.
* Call Management: Check for due/overdue calls and/or incidents and follow-up.
* Change Management: Approve change request records in the Change Management system. Ensure that change request records that were implemented are closed. Ensure that changes are opened as discussed at customer meetings or closed as per change meetings.
* Maintenance: Maintaining current operating systems, PTF levels, and patch versions that comply with vendor requirement, maintenance of user accounts, file system organization, allocation and maintenance, configuration and installation of storage subsystem, backup/restore strategies, Upgrading of maintenance levels, installation & monitoring of vendor applications and providing support as necessary.
* Storage: Experience with Hitachi storage & Hitachi Dynamic Link Manager & backup monitoring with VERITAS Netbackup.
* Provide recommendations to management on changes, upgrades, and new hardware as required.

**Education**

### Bcom Informatics 2006 - University of Johannesburg

**Majors**:

Informatics, I.T. Management, Economics and Business Management

**Relevant Course work**:

V.B., ASP & .Net Programming, Data Structures & Object-oriented Design, UML – Unified Modeling Language (Use case, Activity, Class, Interaction, State chart and implementation diagrams)

 ITIL, I.T. service management (Service Delivery, Service Support, ICT Infrastructure Management, Change Management, Configuration Management and Security Management)

### Skills

* SAN Storage products from DDN S2A9900, S2A6620, SFA10K and SFAOS, Brocade
* Filesystems: Storenext, GPFS
* Architecting solutions:
* Expanding and stabilized the corporate networking infrastructure on Cisco hardware
* Provisioning for Load Balanced DC’s with F5 technologies
* Highly available infrastructure (Servers, Storage & Databases)
* IBM’s AIX/Unix operating system
* Microsoft: Power Point, Word, Microsoft Outlook, Internet and Email, SQLserver, Access and Excel, FrontPage, Publisher, Microsoft .NET development suite - VB.Net and ASP
* System Design experience using Microsoft Visio, Poseidon, Omnigraffle
* Ability to provide training on:
* All Ms.Office packages (Word, Excel, PowerPoint, Visio) from Basic to advanced level

# **Certifications:**

* 223 - System p Administration – IBM Certification
* 180 – p5 and pSeries Enterprise Technical Support – IBM Certification
* ITIL V3 Foundation Certification
* DDN SFA and S2A certification
* TOGAF level 1

# **Additional Courses/Training:**

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| * AIX:
	+ System Administration, Implementation, Network Installation Management (NIM), Problem Determination, Performance Management, TCP/IP Administrations & Configuration
 |  | * Data Direct Networks:
	+ Web Object Storage, SFAOS, GPFS
* Basic to Advanced Levels; Microsoft Word, PowerPoint, Excel, Access, Visio, Outlook
* SOA
 |
| * Implementing POWER6, Virtualization and AIX 6.1
 |  | * ITILv3 Foundations Training
 |
| * Archimate
 |  | * Togaf
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