GARETH SHAW

Enterprise Architect | BCom | Data Leader & Strategist |
AI enthusiast | Nationality - SA & British

Contact Details

📍 Cape Town, South Africa

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CORE SKILLS

- ✓ Architecture, Design & Modelling
- ✓ Strategic Planning
- ✓ Problem-solving & Analytics
- ✓ Communication & Collaboration
- ✓ Management and leadership
- ✓ Technical proficiency (Data, AI and ML)

EDUCATION

1998-2000 | @ University of KwaZulu-Natal
Bachelor of Commerce (BCom - Info Systems)

1992-1995 | @ Michaelhouse
High School Diploma

CERTIFICATES

2016 | Simplilearn Certificate
TOGAF 9.1 Part 1 and Part 2

2004 | Business Connexion
Developing E-Business Solutions Using
MS BizTalk Server 2004 (Course 2157)

2000 | CS holdings
Programming & Implementing SQL 2000

EXTENDED SKILLS REFERENCE

- ✓ Enterprise Architecture & frameworks
- ✓ TOGAF - The Open Group
- ✓ Business, Data, Application, & Technology Architecture (BDAT)
- ✓ Solution Architecture and Design
- ✓ Enterprise Architecture Management Systems (EAM)
- ✓ Architecture modelling
- ✓ Data Governance & frameworks
- ✓ Data Management & Maturity models
- ✓ Application Rationalisation & modernisation
- ✓ Integration Technologies (Events and stream-processing)
- ✓ Agile frameworks and methodologies
- ✓ CI/CD, Kanban, SAFe
- ✓ Cloud & Cloud-native Computing
- ✓ Data Science, Data mining
- ✓ Machine Learning and MLOps
- ✓ Gen AI, RAG, and LLMs
- ✓ Database design & modelling
- ✓ Data product design (Datawarehouse, Graph dB)
- ✓ Bigdata solutions (Data lake, Datamesh)

PROFILE

An experienced Enterprise Architect, Data leader, and AI enthusiast, driving strategic technology decisions and delivering innovative solutions. Proven track record of shaping digital landscapes, optimising operations, and enhancing overall performance. Skilled at analysing complex business requirements and translating them into actionable technical strategies. Adept at leading cross-functional teams and fostering collaboration to achieve organisational objectives. Strong communicator and influencer, with a talent for aligning technology initiatives with business goals. Proficient in leveraging emerging technologies to drive digital transformation and achieve sustainable growth.

EXPERIENCE

Sept 2016 – Aug 2024 | Enterprise Architect @ DigiOutsource, Cape Town
Solution Focus:
- Led a highly skilled architecture team, executing the Enterprise Architecture portfolio and developing strategies, roadmaps, and solutions.
- Collaborated with stakeholders, providing mentorship and advocating for technology improvements aligned with business goals.

Key responsibilities:
- Analysed current architecture for improvement, identified gaps, and developed transition plans.
- Served on the Technology Steering Committee, assessing industry trends and championing technology advancements. Acting as an advocate and steward for Technology.
- Managed Working Groups and COEs for cloud adoption, AI, data platforms, MLops adoption and more.
- Streamlined cross-team collaboration, reducing duplicative efforts.
- Implemented an Automated Architecture landscape integrated with a with a Software catalogue.
- Led Data Governance initiatives and created a Data Management Maturity Framework. (DMBOK2, DCAM, CDMC)
- Provided enterprise architecture guidance and thought leadership across multiple domains.
- Established the Data Science portfolio within Data Architecture.

Oct 2014 – Sep 2016 | Head of Business Intelligence @ DigiOutsource, Cape Town
Solution Focus:
- Key member of the technology management team, optimizing data usage to drive business strategy and operational success.
- Led and mentored a highly skilled BI team to ensure data-driven strategies and operational effectiveness.
- Established and maintained architecture for BI platforms, supporting organizational goals and products.

Key responsibilities:
- Provided strategic insights into key metrics, driving decision-making with data-driven insights and identifying opportunities for improvement.
- Managed daily BI operations, including statistical analysis, report development, staff training, and system maintenance.
- Enhanced the company's reporting systems and data warehousing strategies, ensuring timely delivery of high-quality reports.
- Researched and implemented new systems to improve BI capabilities.

Apr 2014 – Sep 2014 | BI Team Lead @ DigiOutsource, Cape Town
Solution Focus:
- Led, managed and mentored the BI team, overseeing the execution of the Business Intelligence portfolio and responsible for team productivity.
- Developed and implemented architecture for BI platforms, supporting organizational needs.

Key responsibilities:
- Identified opportunities for efficiency improvements and business optimization.
- Delivered data analysis from multiple sources to enable proactive business decision-making.
- Provided end-user training, enhancing BI expertise across the company.
- Improved team knowledge of BI concepts, creating individual training plans and managing performance metrics.

LANGUAGES AND FRAMEWORKS

- ✓ SQL (TSQL, oracle PSQL, DSO)
- ✓ MDX
- ✓ Python
- ✓ Databricks, Snowflake
- ✓ MongoDB
- ✓ Power BI
- ✓ Flink, Spark
- ✓ Neo4j
- ✓ ArchiMate
- ✓ C#, VB, .net framework
- ✓ PHP
- ✓ HTML/CSS
- ✓ Azure / AWS
- ✓ Docker, Kubernetes, AKS
- ✓ YAML/JSON
- ✓ R
- ✓ RabbitMQ
- ✓ Kafka
- ✓ UML
- ✓ BPMN
- ✓ Github, Azure devops, Jira

EXPERIENCE continued…

Jan 2010 – Mar 2014 | *Senior ETL Technical Specialist @ DigiOutsource, Cape Town*
Solution Focus:
- Technical lead on new initiatives, data analysis, analysing business requests and creation of solutions.
- Led new initiatives, data analysis, and business solution creation, with expertise in Microsoft SSAS, SSIS, SSRS, and MDX.

Key responsibilities:
- Redesigned a data warehouse using Kimball standards and SQL Change Data Capture (CDC) for efficient data analysis and reporting.
- Maintained ETL processes through SSIS, setting technical team goals and leading new initiatives.
- Continuously explored innovative methods for data integration and analysis aligned with the company's business model.

Jan 2001 – Dec 2009 | *Senior Consultant/Developer @ Business Connexion (BCX), Durban*
Solution Focus:
- *Senior Software Developer*

Key responsibilities:
- Developed Software solutions and consulted with numerous BCX customers namely SAPREF, RBCT, Mass Discounters, Toyota, Rainbow chickens to name a few.
- Expertise in Microsoft stack development, business intelligence, reporting, and integration with BizTalk, SharePoint, and Exchange workflow.
- Consulting in a customer-facing environment to understand clients' business needs, formulate recommendations including presales pitch and the delivery of technical solutions for client needs.