André Maré

First name: André
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Profile

My aim as a Software Architect is to design and develop reliable software applications that makes the life of customers easier. It is through quality engineering that I maximises the company's strengths and minimise risks and threats. I am responsible for handling complex design matters and helps development teams to choose tools, platforms, and coding standards. Furthermore I solve technical problems, collaborates with management, interacts with stakeholders, and ensures projects are completed on time. My years of experience as an IT Architect in various companies have equipped me with the right skills and knowledge.

Work experience

10/2014 – present

Solution Architect (Digital Channels)
Standard Bank, Johannesburg, South Africa

As lead Solution Architect for Digital Channels, it was my responsibility to create the Group Omni-Channel Architecture (Staff-Assisted & Self-Service Channels) consisting of patterns, standards, roadmaps and architecture artefacts that aligns to the Group PBB 2020 Vision. I presented the Group Omni-Channel Architecture to a number of governance forums and evangelise it to Business & IT Stakeholders including CIOs from PBB, Africa Regions, Wealth & CIB.

I also created a set of Software Engineering Guidelines which was shared with the engineering community and helped teams to improve the quality of the applications in terms of monitoring, logging, security, automation, etc. My "in the work" approach played a vital role in the development teams to ensure the technical correctness and alignment to architecture in the realisation of the vision and strategy of Standard Bank.

I was part of the Technical Leadership Initiative (TLI) where I learned a number of skills, i.e. business acumen, advanced presentation skills and also initiated the idea of using the Amazon Alexa as a new digital channel for banking. I am a trusted source of knowledge and presented several topics at the Group Architecture Face-2-Face conference.

04/2009 – 10/2014

Integration Architect
Standard Bank, Johannesburg, South Africa

As the Integration Architect, I worked on projects related to Africa Regions and South Africa at Standard Bank. I worked closely with other Integration Architects across different business units to ensure the alignment of the architecture and standards within Standard Bank Group. Integration within the bank consisted of File-based, Message-based and Service-based integration. The realisation of a Services Oriented Architecture (SOA) using and ESB was a key strategic imperative of the Bank.

Furthermore I have worked on a number of large projects within Standard Bank where integration played a major role, especially in the core banking replacement. My role as Integration Architect were to define the integration solution and ensure standards and best practices are applied to the projects. Having the ability to read and write code with the development teams played a major part of my success.

05/2006 – 03/2009

Solution Architect
Vodacom, Johannesburg, South Africa

I was responsible for the analysis, design, implementation, and testing of the Customer Acquisition System for Vodacom Service Provider. Code reviews was done to ensure best practices for development were followed through all of the Acquisition Systems. This was done in accordance with the policies and procedures as prescribed by the Design Authority within Vodacom.

As the Solution Architect, I conducted system analysis on the acquisition systems, and managed the design and development initiatives within the different teams.

Work experience

07/2005 – 05/2006

Senior Java Developer
Telkom, Johannesburg, South Africa

I was responsible for the design and implementation of the "IP Number Management" web application used by Telkom. The configuration of the development environment was also one of my key responsibilities and Maven was used as the Software Project Management tool.

Awards

06/2018

Group IT: Mark of Excellence Award 2017
Standard Bank - Group IT

The annual Mark of Excellence Awards is a prestigious celebration of both individuals and teams who have helped Group IT move Standard Bank forward. I received the Mark of Excellence Award for my work on the creation and implementation of the Group Omni-Channel Platform. I was recognised for the way I brought together senior stakeholders across different business units to support a common goal to provide customers a consistent experience.

Education

1997 – 2000

BSc Information Technology
University of Pretoria, Pretoria, South Africa

Certificates

Certified SAFe 4 Agilist
Scaled Agile Framework

TOGAF 9 – Certified Level
The Open Group

Sun Certified Programmer for the Java Platform, Standard Edition 1.4
Sun Microsystems

Sun Certified Web Component Developer for the Java Platform, Enterprise Edition 1.4
Sun Microsystems

Text

I keep up to date with my technical skills through writing technical articles, cheat sheets and how-to guides for software engineers on my personal website called Code2Bits. The number of visitors are growing daily as I share my knowledge and passion with the IT Community.

Social Media

andremare   @code2bits   Code2Bits   Code2bits

Strengths

| Honours Commitments | Great Attention to Detail | Orderly Approach to Tasks | Well Informed |

| Good Concentration | Perfectionist | Accuracy | High Standards | Direct & Logical Approach |

| Authentic | Integrity | Self Motivated |

Hobbies And Areas Of Interest

Wildlife Photography   Camping   Blogging   Mountain Biking   Playing the Trumpet

Skills

General Skills

Skill	Rating
Leadership	★★★★★
Team Work	★★★★☆
Inter-personal Skills	★★★★☆
Oral Communication	★★★★★
Written Communication	★★★★★
Logical Analysis	★★★★★
Stakeholder Management	★★★★☆
Business Acumen	★★★★☆

Software Architecture Skills

Skill	Rating
Application Architecture	★★★★★
Architecture Styles	★★★★★
System Integration	★★★★★
Architectural Frameworks	★★★★☆
Web & Mobile Applications	★★★★★
Service Design (API, SOA)	★★★★☆
Application Security	★★★★☆

Software Engineering

Skill	Rating
Design Patterns	★★★★☆
Algorithms & Data Structures	★★★★☆
Test Driven Design	★★★★☆
Object Oriented Design	★★★★☆
Programming Languages (Java)	★★★★☆
Databases	★★★★☆
Operating Systems (Linux, macOS)	★★★★☆

DevOps Tools & Technologies

Skill	Rating
Source Control	★★★★★
Continuous Testing	★★★★☆
Continuous Integration	★★★★☆
Continuous Deployment	★★★☆☆
Cloud Platforms (AWS)	★★★☆☆
Monitoring	★★★★★

References

Wayne Saunders
Standard Bank

"Andre has played a crucial role as the overall Digital Channel Architecture lead at Standard Bank. His passion, strong technical background, broad conceptual thinking combined with attention to detail and outstanding work ethic has made him a well-respected authority and influencer within the Banks technical leadership and engineering community. He constantly strives to establish the appropriate guardrails, standards and patterns to provide guidance and direction to our large disparate engineering community with a view to ensure they all aligned and ideally produce quality solutions. Andre is not shy to roll up his sleeves and lead by example and code and validate his thinking. A true asset to any organisation."

Amit Lalloo
Standard Bank

"Andre displays a brilliant ability to self learn, even so with bleeding edge technologies where documentation and resources are limited. Whilst keeping abreast off the latest tech, he also pays good attention to brilliant basics. His genuine commitment to share knowledge with Peers and external Communities is the best testament to his character. "