Bernard Sibanda

50 Elizabeth Avenue, Linmeyer Johannesburg, South Africa.

Mobile 1: +27731820631 Mobile 2: +27724740812

Email: besi@tobb.io, besi@tobb.co.za

Permanent Résidence: South Africa



Education

1989

1992	Dip. Education(UCE)[3 years]	
2000	B Tech Education Management(TUT)[2 years]	
2005	Certificate Level 3 Practical	
	Computing[LCCI](London)[2 years]	
2006	Microsoft Office Specialist (Microsoft)[1 years]	
2006	Information Technology Certificate(GCC) [2 years]	
2007	A+ Certified Professional IT Technician	
	(CompTIA)[1 years]	
2011	MOS 2007	
2012	MOS 2010	

Dip. Philosophy(Chishawasha)[3 years]

Languages

2016



BSC Computing(UNISA)[5 years]

Hobbies

I enjoy reading technical content, internet, programming

Software Architect And Full Stack Developer, Founder of Tobb Technologies (Pty) Ltd

BSC Computing, B Tech Education Management, MCP, A+ CompTIA, MOS

<u>Jobs Needed</u>: Software Engineering, Stack Developer, Web, Mobile, Block Chain, Data Science

Work experience

Position / 2016 - present

Solutions Architect, Full Stack Developer. Tobb Technologies (Pty) Ltd.

Clients: Government Hospitals, Schools, Private Organizations(Zwane, Booyco, SDB Holdings, Temoroti, Municipalities)

Position / 2014-2015

Developer: **Dot Net, HTML, PHP, MYSQL,CSS, Javascript**

Syntegricom, North Cliff. **Clients**: Trysome, Mamelodi. [Now IT Wiz – Freelance Developer]

Position / 2009 - 2014

Programming Instructor And developer: **Delphi, C#, VB.Net, HTML, PHP, MYSQL,CSS, Javascript** [IT].

High School And College – The Hill, Eden, Hyde Park. [Now IT Wiz – Freelance Developer]

Position / 2006 - 2008

Programming Instructor: **Delphi, C#, VB.Net, HTML, PHP, MYSQL,CSS, Javascript [IT]**.
High School And College – Phoenix.
[Now IT Wiz – Freelance Developer]

Position / 1993 - 2005

Educator: Primary & High School

Ratings out of 5 on Major Software areas.

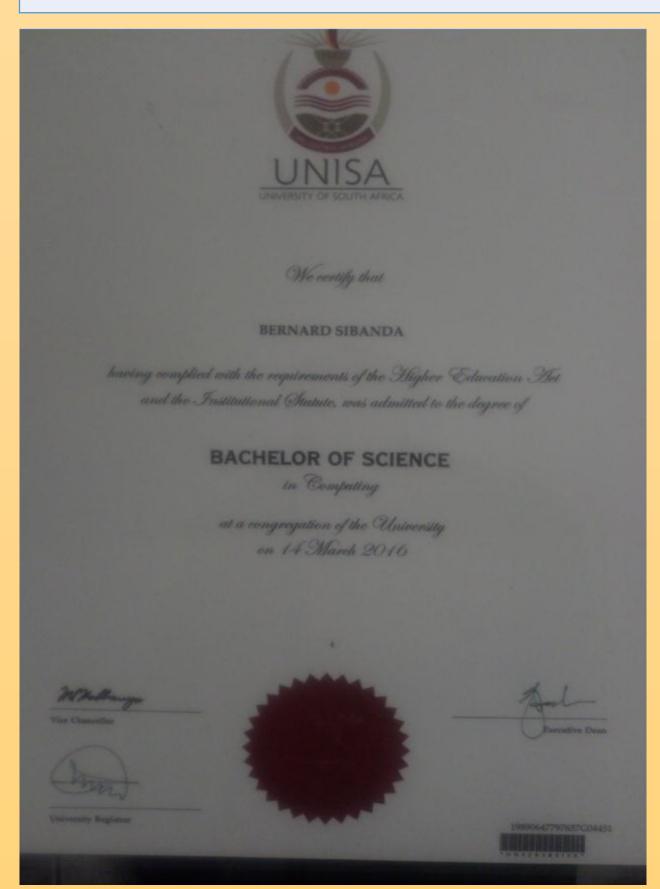
* View Details on the next page

Databases	00000
Server Scripting	00000
Front end Scripting	00000
OOP,FP, Procedural	00000
Full Stack Develop	00000

Technical Skills(From 2006 – 2019 have worked with, used or studied):

1. Architecture:
SDLC, Design Patterns, MVC, MVVM, OOP,FP, Procédural, 3 tiers, client server, distributed, stand alone(windows), web, mobile, embedded 2. Backend:
Delphi, C, C++, QT, Java, C#, PHP, MySql, MSSql, MongoDb,IndexedDB, VBA, VB.NET, Solidity, VB 6.0, Python, Go, Perl, Nodejs(laravel, Dot Net) 3. Frontend:
html, css, javascript, front end framewoks(react, angular, ionic, knockout, vue, pwa) 4. Graphics:
Flash, Dreamweaver, fireworks, Corel Draw 5. Testing:
phpunit, mocha, jest, Qunit, Debuggers, 6. Testing Strategies:
TDD, BDD 7. SVN:
Github, git 8. Package Managers:
nmp, composers 9. Transpilers:
Babel 10. Bundlers:
webpack 11. Task Runners & Module Bundlers:
Grunt, Gulp, Webpack, Browserify 12.IDEs & Editors:
vscode, notepad++, atom 13. Documentor:
Doxygen, JSDoc 13. Security Analyzers:
acunetix 14. Hosting:
Cpanel WHM Domains 15. CMS:
WP,Drupal, Joomla, OpenCart, ERP, CRM 16. Data Science(Studying)
AI, ML 17. Block Chain(Solidity programming):
Smart Contract

BSC Computing



Qualification Transcrit

BCS Courses Major: [c/c++, Qt, Delphi, Databases, OOP, Design Patterns]



Student number: 4779-765-7 Date: 2019-09-18

This is to certify that

BERNARD SIBANDA

Date of Birth :1967-04-16

in the academic year 2015 completed the

Bachelor of Science in Computing

SAQA ID: 80466 NQF exit level: 7

Minimum credits required: 360

by passing university examinations in the following study units:

YEAR MONTH		*	NQF LEVEL CREDITS
2010 NOV	COS101S * THEORETICAL COMPUTER SCIENCE 1 (COMPUTER SCIENCE 101)	81	5 12
2010 NOV	COS111U * INTRODUCTION TO PROGRAMMING 1 (COMPUTER SCIENCE 111)	91	5 12
2010 NOV	COS112V * INTRODUCTION TO PROGRAMMING 2 (COMPUTER SCIENCE 112)	75	5 12
2011 MAY	COS1521 Computer Systems: Fundamental Concepts	65	5 12
2011 NOV	COS2611 Programming: Data Structures	53	6 12
2011 MAY	INF1505 * Introduction to Business Information Systems	75	5 12
2011 JUN	INF1520 * Human-Computer Interaction I	77	5 12
2011 OCT	MAT1503 Linear Algebra	50	5 12
2012 MAY	COS2614 Programming: Contemporary Concepts	50	6 12
2012 MAY	COS2621 Computer Organisation	53	6 12
2012 MAY	COS3721 Operating Systems and Architecture	50	7 12
2013 JUN	COS2626 Computer Networks I	55	6 12
2014 JUN	COS2661 Formal Logic II	57	6 12
2013 MAY	ICT2621 Structured Systems Analysis and Design	50	6 12
2013 MAY	ICT2622 Object-Oriented Analysis	61	6 12
2013 MAY	INF2603 Databases I	67	6 12
2013 OCT	INF3703 Databases II	50	7 12
2013 NOV	INF3707 Database Design and Implementation	66	7 12
2013 JUN	INF3708 * Software Project Management	75	7 12
2014 NOV	COS2601 Theoretical Computer Science II	62	6 12
2014 OCT	COS3711 Advanced Programming	58	7 12
2014 OCT	COS3712 Computer Graphics	67	7 12
2014 NOV	INF1511 * Visual Programming I	85	5 12
2014 JUN	STA1610 Introduction to Statistics	62	6 12
2015 JUN	COS3701 Theoretical Computer Science III	50	7 12
2015 MAY	COS3751 Techniques of Artificial Intelligence	50	7 12
2015 MAY	COS3761 Formal Logic III	51	7 12
	INF2611 * Visual Programming II	81	6 12
	INF3705 Advanced Systems Development	71	7 12
	INF3720 * Human-Computer Interaction II	80	7 12
*********		*************	********

^{*} Passed with distinction

Total credits accumulated: 360



MCP[C#]



BERNARD SIBANDA

Has successfully completed the requirements to be recognized as a Microsoft Certified Professional.

Date of achievement: March 05, 2009 Certification number: B221-2096 N. Subject

Microsoft CERTIFIED Professional

Part No. X18-83700

Satya Nadella Chief Executive Officer

Completed React Courses

React Fundamentals



React Redux: Refactor



Completed React & Ionic Courses

Basics React Native



CRUD ionic & Firebase



Completed Ethereum Solidity Course

Ethereum Solidity



Purpose: Real time monitoring Field workers

Zwane Eskom Engineering Inspection

Zwane Eskom Power Plant Inspections App Jimba

Friday, August 02, 2019

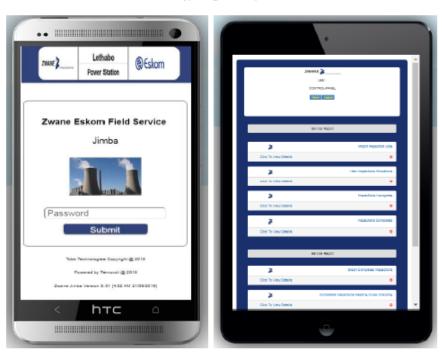




Figure 1: Jimba runs on all devices

Jimba Field Service Framework

Booyco is World Electrical Engineering and below is an offline and online PWA app done for the company.

Booyco Mobile Field Service App

Jimba

Friday, June 14, 2019

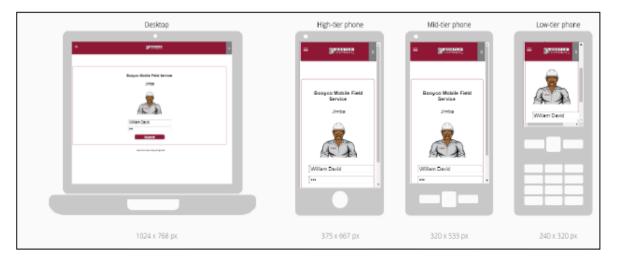


Figure 1: Jimba runs on all devices

AIM:

Going Green - paperless driven efficient world.

Realize true ROI.

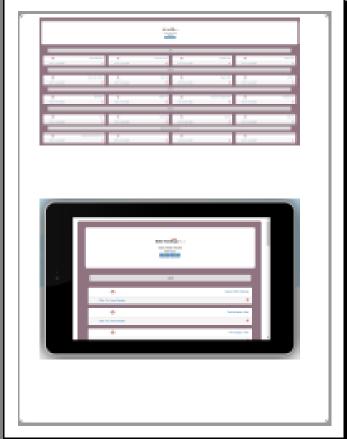
By Bernard Sibanda



SDB Holdings

Purpose: Installs Solar Water Heater nation wide using the App





Johahannesburg Water Meter Verification App

Purpose: Tracks all houses with or without water meters

	JW Stand By Stand Meter Verification Temproti
user	

	Login
	NB: 1. Use Chrome browser, 2. Enable pop ups on Chrome, 3. Ensure url starts with https:// not http://

Figure 1: The Admin Login Screen

Meters GPS/Erf/Photos

Photos can be view from this feature. This feature has a search facility.



Johannesburg Water Meter Verification: Temoroti

Reports Graph

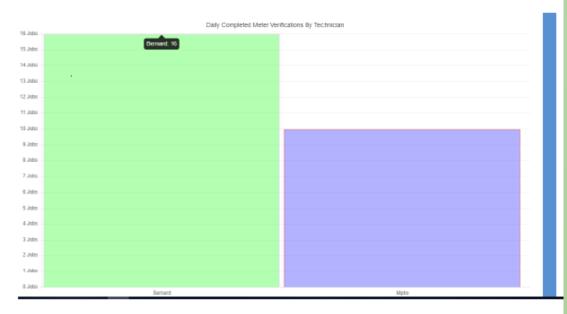
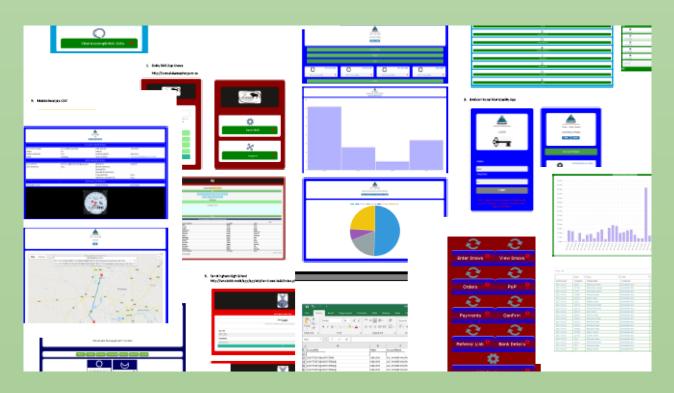


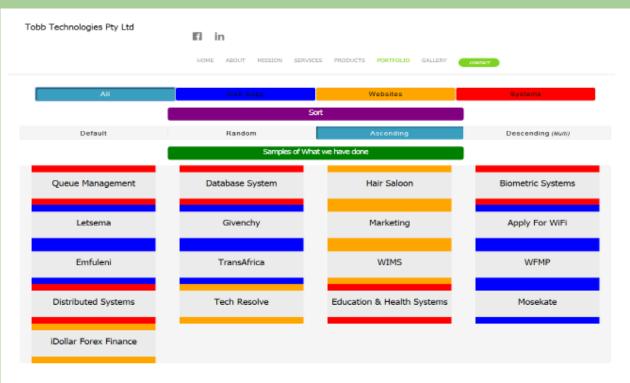
Figure 12: Graph showing completed jobs per technician



Jimba Apps For Other Companies

Purpose: Jimba is a field service real time data web app Framework





Websites: Tobb, Tech Resolve, WFMP, WIMS

Purpose: Fast and Efficient Single Page Websites

http://tobb.io/



http://wims.io/



http://wfmp.io/



Old list of websites

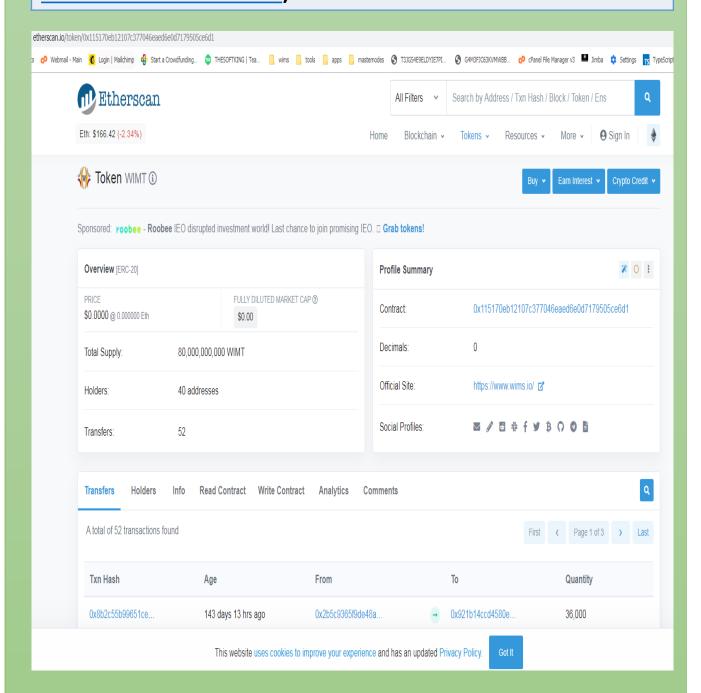
Purpose: Since 2006 I have been building websites

http://itlp.co.za/itlpthutong/index.php http://www.delphisolutions.co.za http://www.thehillhighschool.co.za/ http://www.ottilia.co.za http://www.gautengcomputercollege.co.za/ http://www.findbook.co.za http://www.nowitwiz.co.za http://www.property-shop.co.za http://www.oakbusiness.co.za/ http://www.smsmoney.co.za/ http://www.spectrium.co.za http://www.globalhorizons.co.za http://www.vpkbusinessventure.co.za http://www.tshepoado.co.za http://www.ralphensengr.net http://www.kitovu.com/ http://www.greenpage.co.za/ http://www.prissked.org http://www.mosekate.co.za http://www.braamfonteinbiz.co.za http://www.zanenda.org http://www.modisarisksolutions.co.za http://www.xsmartsolutions.co.za http://www.spectrium.co.za http://www.southendfreightandlogistics.co.za http://www.mandlakaziestates.co.za http://www.diamondsinteriordesigners.co.za http://www.notedbc.co.za/ http://www.oversclub.co.za

Ethereum Solidity Smart Contract

Purpose: WIMT Token

(https://etherscan.io/address/0x115170eb12107c377046eaed6 e0d7179505ce6d1#code)



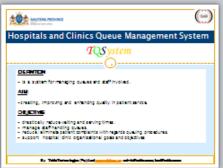
Queue Management System

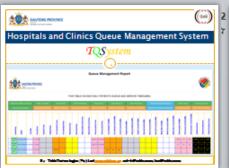
Purpose: Hospitals Pretoria West District & Mamelodi

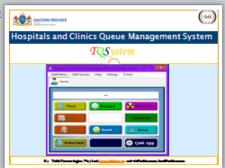




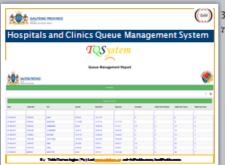


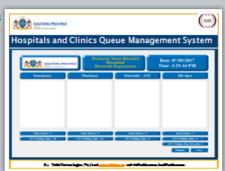




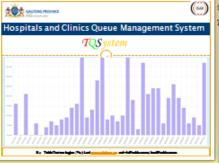


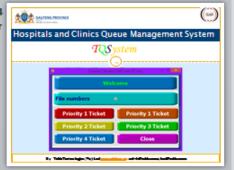












Old Projects Completed Since 2006: Detailed

Purpose: These are small to medium projects completed

Syntegricom (2015)

- -Developer, Tester and Integrator using C# visual studio 2012 and Delphi.
- -Consulting, support and development duties
- Team of 2 Developers

Duties

-Installation, support, extending(using Delphi/mysql) a UK based Mobile and Client Server application named Connect Mobile for Trysome company at Jet Park(over 70 mobile users)

urls:

http://www.telecetera.co.uk/

http://www.trysome.co.za/index.php/en/

developed Reconciliation Module, Man On Site and Risk Assessments

-Developed(using C#/mysql) Queue Management System for Mamelodi Hospital to manager multiple queues concurrently.

<u>url</u>:

http://doctors-hospitals-medical-cape-town-south

africa.blaauwberg.net/hospitals_clinics_state_hospitals /mamelodi_hospital_mamelod i_east_gauteng_south_africa

-Support, manage and extend the custom built Sytegricom Hardware Software Integration Framework called Veloxo(C#/mysql)

url:

http://syntegricom.com/index.php?file=access-control

http://syntegricom.com/index.php?file=systems-integration

Other works of interests I have done:

-Web development in php/mysql, bootstrap, css3, html 5,(http://www.2020.co.zw) http://buildingcompaniesreview.co.nz/index.php/en/#5)

2013 – 2014 Project: iTLP Thutong **Type**: Entrepreneurial software project

Purpose: Communication management with education

Description:

iTLP Thutong is a intercommunication management system that quickly SMSs/Emails educational stakeholders like parents, guadians and management when problems arise. It is a pro-active dynamic solution that offloads communication backlog, eliminates delays and empowers educational leaders. Benefits of iTLP Thutong are:

- -transparancy communication
- -quick notification
- -database of intercomminication iTLP Thutong
- -timely custom reports generated
- -records of learner, teacher, parent profiles
- -quick conflict resolution
- -evidence for interdisciplinary proceedings

URL Address: http://itlp.co.za/itlpthutong/index.php

Skills: VBA, PHP, MYSQL, Delphi, JAVA, C#

Team: 4

Target user: All educational institutions

iOS beta test experience

Purpose: track mobile Delphi compiler developments and bugs

Description: In early 2012 up until the release of RAD Studio XE3, I signed up and experienced the beta versions of Delphi

XE4 developments. Skills: Delphi

Blog started: http://www.delphisolutions.co.za/

2009-2012 Windows Security Fixer

Purpose: It is a Client /Server application with many different components [both proprietary and open source] interacting to achieve the following:

Summary

Parents to monitor children in real time.

Managers to monitor employees as they work.

Computer trainers in a networked environment.

For technicians to remotely assist clients...

For Learners to chat through the chat room

Programmers working on a project as a team in a networked situation

Anyone who wants to hide his/her folders with a password.

ETC... For local, national and international customers.

chat application[VB.net]

Hide folders[VB.net]

FTP[C#]

Screen Capture[VB.Net]

Task Timer[VB.Net]

Windows Security Fixer[VB.NET]

Process Terminator[VB.NET]

Client/Server [vb.net]

Internet Monitoring[Delphi]

TightVNC remote assistance - [c++]

OTHER PHP WORKS

http://www.pfpromotions.co.za/[php/MySql]

Virtual Desk[PHP/MSQL]

http://www.nowitwiz.co.za/desk/login/myLogin.php[php/mysql]

Development Period: 6 months.

2008-2009 Mosekate and Associates Tshwane,SA

Developed and maintained Indigent HouseHold System

Team: Lead a team of 3 developers in producing the Municipal Council Database System.

Purpose: System is used for processing the city's indigent household families and currently has more than 70 000 records.

Tools: UML, VBA, Access **Development Period:** 3 months.

2008-2009 Khulumani Support Group Johannesburg, SA

Developed and maintained Khulumani Database

Team: Lead a team of 2 developers in fixing and maintaining Database System.

Purpose: System is used for processing the Victims of Apartheid nationally and currently has more than 30 000 records.

Tools: UML, VBA, Access **Development Period:** 2 months.

2008 Tmoney ISMS New York,USA

Specialised Technical System Database **Team: 1**(Freelance Programming)

Purpose: System is used for processing Network Data Processing for 50 000 – 70 000 records.

Tools: UML, VBA, Access

Development Period: 2 days

2008 Taska Minhota Rossettenville(Johannesburg),SA

Point Of Sale Scanner

Team: 2.

Purpose: Processing sales and inventory for shops.

Tools: UML, VBA, Access

Development Period: 14 days

2008 Phoenix College Johannesburg, SA

ITW Clients System

Team: 1.

Purpose: Data capturing assessment and training system

Tools: UML, VBA, Access

Development Period: 3 days

2008 Phoenix College Johannesburg,SA

High School System

Team: 3.

Purpose: High School Management System

Tools: UML, VBA, Access **Development Period:** 25 days

2007 Now IT Wiz Johannesburg, SA

Rent Movies **Team: 3**.

Purpose: Managing DVD/CD rentals Tools: UML, VB.NET, Access Development Period: 1 Month

2006 - 2007 AfroEuro - Diamonds Ltd Johannesburg, SA

Diamond Calculator

Team: 3.

Purpose: Managing and calculating diamond prices

Tools: UML, C#

Development Period: 8 months

2005 - 2008 Now IT Wiz Johannesburg, SA

Window applications (Bob, Hunter, Cassino, Robust, Imousing, Timed Task, Password Generator)

Team: 1.

Purpose: Entertainment, Online assessment

Tools: C#, Delphi, VB 6.0 **Development Period:** 3 years

2007 Mandlakazi Real Estate Johannesburg, SA

Web Application

Team: 1.

Purpose: Real Estate web application Tools: HTML, CSS, PHP, MYSQL Development Period: 1 month 2007 Easybid SA Johannesburg, SA

Online Auction web application(Customized a template)

Team: 2.

Purpose: selling goods online

Tools: HTML, CSS, PHP, MYSQL, SSL, Pay Pal

Development Period: 1 month

2008 Geek(GetACoder - Online Freelance) Johannesburg, SA

Web Application: Online Calculator

Team: 1.

Purpose: Online calculations Tools: HTML, CSS, PHP Development Period: 1 day

2008 Easybid SA Johannesburg, SA Web Application: SMS Money

Team: 1.

Purpose: Mobile marketing Tools: HTML, CSS, PHP, MYSQL Development Period: 4 day

2005 - 2008 Oak Business Consulting Johannesburg, SA

Websites and Web applications

Team: 3.

Purpose: Websites for various companies

Tools: Html, Dream Weaver, Flash, Fire Works, Java Script, MySql, PHP, Action Scripts

Summary of projects

mobile applications

libraries(dll)

windows applications
console applications
web applications
websites
distributed applications (client/server)
components
web services

Other Qualifications & Interests

2011 Microsoft latest Qualifications i have obtained:

Microsoft Office Specialist Word 2007 Microsoft Office Specialist Excel 2007 Microsoft Office Specialist Access 2007

2012 Microsoft Latest completed Course:

Microsoft Office Specialist Word 2010 Microsoft Office Specialist Excel 2010 Microsoft Office Specialist Access 2010

2009 Microsoft Certified Professional Microsoft(C#, VB.NET)

1998 – 2000 Technikon Pretoria Pretoria, SA B. Tech : Education Management Degree

1990 – 1992 United College of Education Bulawayo, ZW Diploma in Education(Junior)

1987-1989 Chishawasha Major Seminary Diploma in Philosophy

2007 A+ Certified Professional IT Technician

CompTIA

2006 Microsoft Office Specialist

Microsoft

2005-2006 Information Technology Certificate GCC
2005 Certificate Level 3 Practical Computing[LCCI] London

1984 - 1993 Passed 8 Ordinary Level subjects and

1 Advanced Level Subject with University of Cambridge.

MBA Degree Courses passed (CACC): Completed modules[8 out of 12]

Management Information System 78% 82% Corporate Finance Leadership 83% Strategic Management 77% Entrepreneurship 82% Customer Service.. 66% **Business Ethics** 66% 68% Managerial Economics

Recommendations From Clients



Letter of Recommendation

Date: 23 May 2016

To Whom it may concern,

The letter serves as a letter of Recommendation for Tobb Technologies.

Wicked Creations have been working with Tobb Technologies since February 2016 and I can confirm that their communication and professional approach to business is outstanding.

I highly recommend their services!

You are welcome to contact me on the numbers below should you require further details.

Many thanks and kind regards

Pierre du Toit Marketing Manager Wicked Creations 073 804 0027



IHlengesi Technologies

IHlengesi Technologies 2014/017049/07 16 Clarret ,Duiker street Centurion

Tel: 0835813141

(Tob6)

Tobb Technologies (Pty) Ltd 50 Elizabeth Street Linmeyer Johannesburg Gauteng

Gauteng 2190 South Africa

Reg. No: 2015/05/051146/07

VAT: 97587534

Contacts:0724740812/0826832705/0724953907/0788418482

accounts@tobb.co.za admin@tobb.co.za info@tobb.co.za

19 April 2016

To Whom It May Concern

This is to confirm that <u>Ihlengezi</u> Technologies is no longer working with Gecko Pty (Ltd) and also that Bernard Sibanda is not working for <u>Syntegricom</u>.

Bernard Sibanda is the Solutions Architect of Tobb Technologies and <u>Thembile Naezo</u> is the managing director of <u>IHlengezi</u> Technologies.

For further information contact us.

Kind regards

Managing Director
Thembile Ngezo
[IHlengezi Technologies]

Solutions Architect Bernard Sibanda [Tobb Technologies]



cni Kock and Heyelek Sheet Russenburg 0794 Preside Bag X52111 Mustenburg 0300 Tel: (014) 590-4800 9-mail produte8-meps gor as

OFFICE OF THE DIRECTOR: BOJANALA DISTRICT

Eng. Dr. EY Matshalso

To : Mr. T. M. Ngezo

Ihlengesi Sales Director

From : Ms. M. P. Mokhutle

District Director - Bojanala District

Date : 01 November 2015

Subject: Permission to access schools - Thlengesi Tobb Technologies

Permission is hereby granted to your good self to access schools in the attached for the purpose of piloting the SMS project for the period November – December 2015, subject to the following provisions:

- That you notify Area and Circuit Managers about your request and this subsequent letter of approval;
- That the onus to notify principals of the targeted schools about your intended visit and the purpose thereof rests with your good self;
- That participation in your project will be voluntary;
- That as far as possible the general academic programme of the schools should not be interfered with; and
- That upon completion of the Pilot, a report is sent to my Office and any other relevant information that could be brought to my attention.

Kindly be informed these schools will not be expected to pay for the equipment and services that you will rendered to them for the said period. Furthermore, these schools will not be under any obligation to purchase these equipment and services at the end of the project.

With my best wishes

M. P. Mokhutle - District Director

cc. All Area Managers