

CURRICULUM VITAE OF WANDILE NXUMALO

P.O Box 6227, Mbabane Swaziland, H100 | 00268 76242698 | wandile177@gmail.com

ID Number: 8208316100040

Passport Number: C 816240

Nationality: Swati

PROFESSIONAL SUMMARY

INFORMATION TECHNOLOGY PROFESSIONAL WITH 14 YEARS FULLTIME EMPLOYMENT EXPERIENCE MOSTLY DEVELOPING AND MANAGING ENTERPRISE RESOURCE PLANNING (ERP) PROJECTS, AND 3 YEARS FULLTIME CONSULTING EXPERIENCE DEVELOPING AND MANAGING SOFTWARE PROJECTS.

TECHNOLOGIES

JSP, JSF, Primefaces, JDBC, Android Studio, JPA, EclipseLink, Hibernate, JAX-RS, Delphi 5, C#, Webforms, Windowsforms, MVC, Rest, .NET Core, Angular, Apache Cordova

SKILLS

Software Development, Project Management, Business Analysis, Business Process Re-Engineering, Scrum Master, Rapid Application Development (RAD), Data Collection, Data Management, Data Visualisations

TOOLS

Netbeans 8-12, JDK 1.8-14, Apache Tomcat 8, Glassfish 4-5, Wildfly 24, JBoss AS, GIT, Visual Studio, Azure DevOps (TFS), Eclipse Birt, Gerrit

EDUCATION

University of Greenwich

BSc Honors in Business Information Technology 2010

NCC Education

International Advanced Diploma in Computer Studies 2006

Midrand Graduate Institute (MGI)

BSc Computer Science (year 1) 2005

CTI Education Group

Diploma in Computer Science 2002

WORK EXPERIENCE

1. Royal Science and Technology Park (RSTP)

Full Stack Developer

September 2021 – Current

Performing the same duties as those under the Senior Programmer Analyst role at the Ministry of Health, under a new contract at RSTP.

2. Ministry of Health eSwatini

Senior Programmer Analyst (C#, Android, Microsoft SQL Server)

January 2017 – August 2021

- Team lead for HMIS Team of 4 Developers
- Scrum Master in team of 7 Developers working on the national Client Management Information System (CMIS) currently implemented at 212 out of 327 clinics
- Facilitate Joint Application Development (JAD) sessions for CMIS
- Collaborate with partner developers at FEI Systems and IHM Southern Africa in the development of CMIS.
- Developed Helpdesk application to support all enquiries for HMIS systems
- Developed Windows Service Application and REST API's in CMIS and Helpdesk applications to integrate CMIS and the Helpdesk; where CMIS user feedback is automatically pulled into Helpdesk Incidents.
- Developed Client Satisfaction Windows Service that periodically pulls data from CMIS and sends it to an SMS application via a REST API.
- Developed School Health mobile application used by health workers at schools nationally to capture data
- Developed Document Management system for the Health Research department
- Compiled Technical Documentation of systems
- Trained Junior Developers in the maintenance of above systems
- Documentation of source code

3. National Agricultural Marketing Board

Marketing Information Systems Officer (Java Server Pages, MySQL)

January 2015 – December 2016

- Developed system to manage all agricultural imports and exports into/from eSwatini
- Developed system to manage Encabeni Market's main process of managing contracted farmers and the produce that is planted, harvested and brought into the market
- Developed system to manage the Pack House which receives and processes produce from farmers.
- Maintained company's website
- Supervised the Market Information Department and ensured all reports and deliverables are delivered timeously and accordingly.

4. Maestro IT (Pty) Ltd

Director (Java Server Pages, Java Server Faces, J2SE, Delphi 5, MySQL, Apache Cordova)

April 2007 – Present

Between 2007 and 2009 I developed the Maestro Invoicer using Delphi 5 and MySQL, and developed the company website in JSP. The Maestro Invoicer is currently being utilised by one client since 2017. I also developed a Table Booking SMS Reminder application using Delphi, MySQL and Java for Calabash Restaurant. The company currently has several products including;

1. Machuzu ERP - <http://103.125.218.105:8080/MachuzuERP/>
2. MaxYield Web - <http://103.125.218.105:8080/AKM/>
3. MaxYield Mobile - <https://play.google.com/store/apps/details?id=com.machuzu.maxyield>
4. Timali Web - <http://103.125.218.105:8080/Timali/>
5. Timali Mobile - <https://play.google.com/store/apps/details?id=com.machuzu.timali>

5. Swaziland Agricultural Development Enterprise (SWADE)

Senior Systems Officer (Java Server Pages, MySQL)

January 2014 - December 2014

- Developed Administration/HR system that computerised manual processes
- Developed Contract Expiry reminder application
- Developed Farmer Information System (FIS)

6. Swaziland Agricultural Development Enterprise (SWADE)

IT Database Specialist (Java Server Pages, J2SE, MySQL)

February 2011 - December 2013

- Developed Java J2SE application to automate farmer support processes conducted by the organisation. The system was used in 3 separate locations of the Siphofaneni branch but connected to one database located at the main office. The application communicated via TCP/IP sockets.
- Team Leader of the Siphofaneni branch IT department which comprised four staff members and attended management meetings on a weekly basis, compiled the branch's IT department reports on a weekly, monthly and annual basis, consolidated and finalised the branches IT Budget annually and ensured that staff submitted all reports and budgetary requirements timeously.

7. Interpark Swaziland

Assistant Manager

July 2004 – January 2005

- Managed two car parks and several staff members
- Assisted Site Manager with one of the two parks.
- Prepared documentation and balanced daily revenue.
- Banked money on a daily basis.
- Monitored staff attendance, performance and behavior.
- Held disciplinary sessions alongside the Site Manager.

8. Solutions byGad!

Software Quality Control Officer (Delphi 2/5, Firebird)

December 2002 – March 2004

- Tested/debugged Practice... byGad! on a daily basis.
- Maintained website.
- Developed in-house applications using Delphi 2.
- Publishing material using Adobe Pagemaker.
Was responsible for Installing and troubleshooting Practice... byGad! On site and at client locations.
- Running scripts, monitoring and troubleshooting an Interbase database.
- Maintained the local area network.

REFEREES

Zanela Simelane – Ministry of Health, 76186947, zanela.simelane@gmail.com

Sipho Nxumalo – NAMBoard, 76055172, sipho@namboard.co.sz

Samson Sithole – SWADE, 76063640, sitholess@swade.co.sz