OVERVIEW

The company was registered by Wandile Nxumalo, who had gained several years' experience working in the Information Technology industry; and had encountered several businesses which were operating without any software to manage daily processes. This was identified as an opportunity and the company was registered.

SERVICES

Maestro IT offers services based on software development. Our main skill of delivering products is Java.

DIRECTOR'S CURRICULUM VITAE

2002	:	Diploma in Computer Science at CTI Education Group
2002 - 2003	:	Software Tester for Solutions.. byGad!
2004 – 2005	:	Assistant Manager for Interpark Swaziland
2005 – 2006	:	International Advanced Diploma in Computer Studies at CTI Education Group
2007 – Present	:	Consultant for Maestro IT
2010	:	BSc Business Information Technology at University of Greenwich
2011 – 2013	:	IT Database Specialist at SWADE
2014	:	Senior Systems Officer at SWADE
2015 – 2016	:	Market Information Systems Officer at NAMBoard
2017 – 2021	:	Senior Programmer Analysts at Ministry of Health
2021 – Present	:	Full Stack Developer at Royal Science and Technology Park (RSTP)

Consultations and Projects

MAESTRO INVOICER

In 2004, I began developing Invoicing software called 'The Maestro Invoicer'. This software generally created invoices and managed clients, inventory and suppliers. Development seized in 2005 until the establishment of Maestro IT in 2007. At this stage the software was a functional prototype; and due to the many great products out there, the Maestro Invoicer had a very small presence in the market as it was still being developed to be competitive with similar products.

UNSUCCESSFUL CONSULTATIONS

Between 2004 and 2009, I had the opportunity to work on several projects. The larger consulting projects were unsuccessful due to the lack of project management experience. Our main product Machuzu ERP SME, then called Maestro Invoicer; faced a major database challenge which caused the system to crash often. At the time this was resolved by regular maintenance but this did not work for some clients, and having no mentor, causes of issues were not detected early. The crashing issue was resolved at the end of 2008 by upgrading from Paradox to SQL Server Express database, and today makes use of MySQL. The database upgrades required major code updates and the system was finally stable in 2011.

Projects which were executed unsuccessfully during this period include;

1. *Dr B Zondi*, Machuzu ERP SME, 2004, **Simunye**
2. *ML Physiotherapy Services*, Machuzu ERP SME, 2007, **Manzini**
3. Dr Mathunjwa, Machuzu ERP SME, 2008, **Manzini**
4. *MTD Dental Services*, Machuzu ERP SME, 2008, **Mbabane**
5. *Mkhiwa Clinic,* Clinic Management System Development, 2009, **Manzini**
6. *Manzini Municipality,* Document Management System Development, 2009, **Manzini**

SUCCESSFUL CONSULTATIONS

I have worked on several projects since inception, some were executed under Maestro IT and others as an individual. These projects include;

1. *Thabo's Boutique,* Machuzu ERP SME POS, 2007-2009 / **Mbabane**
2. *Manzana Engineering,* Machuzu ERP SME, 2007-2012 / **Dvokolwako**
3. *Swazi Care Medical Aid,* Membership Management System Development, 2008 / **Mbabane**
4. *Tiger Pharmacy,* Machuzu ERP SME POS, 2008, **Manzini**
5. *Manzolwandle Bottle Store,* Machuzu ERP SME POS, 2008, **Kamhlushwa**
6. *Calabash Restaurant,* Table Booking with integrated SMS Reminders System Development, 2009 / **Ezulwini**
7. *Maduduza Zwane Consultants,* HR System Development, 2009, **Matsapha**

8. *Nokuphila Investments,* Machuzu ERP SME POS in 3 Bottle Stores, 2008 – 2015 / **Siteki, Manzini**
9. *Swazi Bottle Makers,* Machuzu ERP SME customization and implementation, 2017 / **Mbabane**
10. *Tshala Seed Company,* Board Communication System Development, 2018 / **Ezulwini**
11. *GRM International,* Updating the TSE Board Communication System, 2019 / **Ezulwini**
12. *Southern African Nazarene University,* Donor Contribution System Development, 2019 / **Manzini**

OTHER PROJECTS

In 2009 I operated a Wifi Hotspot and Internet Café at Serendipity in Mbabane. I set up, configured and managed the Wifi using a Cisco LynkSis Router.

CURRENT PROJECTS

We consistently research current trends and implement them into projects which we work on in-house. These projects include;

1. **Machuzu ERP**
    Evolved from the Maestro Invoicer, this Enterprise Resource Planning software has proven a great foundation for some of the consultancies we have undertaken. Machuzu ERP is a comprehensive package for managing the workflows and workforce of an organisation. Machuzu ERP is currently being piloted until 2024 at Eco Buzz Recycling in Matsapha, and we seek 2 more pilot sites.

2. **Agricultural Knowledge Management**
    AKM is a Data Warehouse which stores agricultural data. Our mobile application, MaxYield is available in Android and IoS. MaxYield is one of our strategies for collecting data from farmers, as they can download and utilise the application for at no cost. We additionally contact farmers telephonically on a monthly basis, to collect data about their farming activities. The data mined in AKM is used for agricultural trend analysis, forecasting and research.

3. **Timali**
    This is an application allowing Credit Providers to manage their clients by maintaining loan data on the mobile and web applications. The apps allow Credit Providers to check if a client has current loans with other providers in order to avoid approving loans for already over-burdened clients. Timali also allows clients to browser all registered Credit Providers on the website, and select loan products suitable to their needs, then apply.

4. **Umsiti**
    Operational Control system which enables supervisors to plan out activities and key performance indicators with their team members; and lets the organization monitor these activities and kpi's closely.

5. **MaxYield**

This is a free mobile application for farmers to manage their farms by capturing all farming processes, then monitoring them over time in order to optimise yields.

6. **HRMbyW**

Open Source Human Resources Management application which organisations can attach or link to their corporate website, then post and manage jobs and candidate profiles or database.

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