

---

## Ookeditse Arnold Ntwayagae

---

**Address:** P O Box 60570, Gaborone-West, Gaborone  
**Mobile:** (+267) 72 219 485 | (+267) 76 344 144  
**E-mail:** [ntwayagae@gmail.com](mailto:ntwayagae@gmail.com)  
**Website:** <http://ookeditse.weebly.com>  
**Driver's Licence No:** 400619

---

Intuitive, resourceful, enterprising Software Engineer, Database Developer and Systems designer, possessing a significant background in delivering a variety of creative media and visual information technology solutions to individual clients, business owners and various corporations. Has an exceptional technical approach to solving today's IT problems by planning, designing, coding, testing and supporting next-generation database driven solutions in an assortment of database management technologies, integrated development environments and business intelligence tools.

Seeking a position that offers growth while being creative and innovative to enable me to utilise my knowledge and skills; and continue learning and developing my expertise.

---

### AREAS OF EXPERTISE

- Project management (Software Project development, Quality assurance, Team cohesion and management)
- Software Engineering and Development (Programming, Software development Life cycle, Business requirements gathering and analysis, System design, development and Testing.)
- Database design and maintenance (RDBMS design, Data Warehousing, Data Mining, Data management, Data Quality, Data Security, Database optimization, Normalisation, Database support)
- System Analysis and maintenance (System testing, debugging, Software installations, Virus removal, Update computer system, System technical documentation)
- Computer hardware, Networks and maintenance (Networking and cabling LAN, configure wireless access points, basic TCP/IP configuration, Computer peripheral installations and replacements, Printers, scanners and copiers)
- Training (end user trainings, user manuals, presentations)
- Microsoft Office (Word, Access, Power point, Excel, Publisher)
- Multimedia (Adobe Photoshop, Illustrator, Auto CAD, Logo and Graphic Designs)
- Technical expertise (IT Consultancy. Technical analysis)
- Communications – technical focus
- Web Solutions (creation of websites that go beyond static pages, Search Engine Optimization, Website backup and restore, Website monitoring)

---

## **EDUCATION, CERTIFICATIONS AND ACHIEVEMENTS**

### **Certificate of Accomplishment**

CDC Botswana, Ministry of Health, Cardno (2012 – 2015)

- Participated in the Botswana District Health IT Officers Public-Private Partnership Program

### **KITSO TRAINING (Introduction to AIDS Clinical Care)**

Ministry of Health (2013)

- Certificate of Attendance

### **Bachelor of Science (Honours) in Computing and Its Practice**

The Open University (2008 – 2012)

- **Professional (Honours) Diploma Software Engineering – Microsoft Technologies**  
Botho University (2009 – 2011)
- **Honours Diploma IT and Business Skills**  
Botho University (2008 – 2009)

### **Diploma level I in Computing and Information Technology**

[ABMA] Association of Business Managers & Administrators – (2007 – 2008)

- Most Improved student in the final year of BSc (Hons) Computing for Year 2012
- Outstanding performance in class in the final year of BSc (Hons) Computing for Year 2012

---

## **TECHNICAL SKILLS**

**Programming Languages:** VB.Net, ASP.Net, C#, VB Script, Python, PHP, CSS, JSP, SQL, T-SQL, HTML, XML, JavaScript, JQuery, UML

**Technologies:** Microsoft Visual Studio, ADO .Net, Bootstrap, OLE DB, SharePoint, Windows Services, MS Project, IIS, , Active Directory, AJAX, Microsoft Office Suite, JOOMLA, APACHE – TOMCAT, VMware, Windows PLESK, SaaS.

**Version Control:** MS Visual SourceSafe 2005, MS Team Foundation Server, Git hub

**Databases:** MS SQL Server, MS Access, MySQL, SQLite, PostGre SQL, ORACLE.

**Operating Systems:** Microsoft Windows Operating Systems, Ubuntu (Linux), Windows Server.

## **PROFESSIONAL EXPERIENCE**

**November 2012 – March 2015:**

### **Ministry of Health, Botswana – Software Developer**

- Developer/Programmer on the **PIMS** (Patient Information Management System) project.
- Module upgrades and editing User Interfaces to accommodate new user requirements.
- Gathering requirements on new eHealth guidelines (SOPs - Standard Operating Procedures) to be implemented into the existing Patient Information Management System.
- Liaised with Program Officers from the different Programs under the Ministry of health to be computerized and be part of the PIMS system modules.
- Created flexible data model designs (from the SOPs) that were scalable, reusable, while emphasizing performance and business needs.
- Coding the system designs and developing User interfaces.
- Database design and maintenance.
- Data security, encryption of confidential Data.
- Continuously Testing the System and debugging any errors in order to maintain optimum system performance and accuracy.
- Analysing and interpreting data to produce reports.
- Part of the PIMS help desk, to assist IT Officers at the District facilities and hospitals to ensure system utilization and upkeep.
- Implemented user training and mentoring to health care workers on how to successfully utilize the system to provide excellent health care to patients/clients.
- Successfully designed the envisioned centralized PIMS web application prototype to be developed as part of the future advances in PIMS.

---

## **PROJECTS**

**April 2015 – May 2016:**

### **EMS** (Electronic SACCOS Management System)

Developer/Programmer/Administrator of the **EMS** (Electronic SACCOS Management System) which integrates the current manual system at Botswana Railways SACCOS.

**Languages/Technologies** – Visual Studio, VB.NET, SQL Server, SAP Crystal Reports.

**November 2015 – January 2016:**

### **MediTrack – Patient Information and Billing System**

Developer/Programmer/Administrator of MediTrack (Patient information and Billing System) which is widely used by private practitioners.

**Languages/Technologies** – Visual Studio, VB.NET, SQL Server, XML, SAP Crystal Reports, and SMS alert for Appointments.

**December 2015:**

### **Peter's Place Bed & Breakfast Website**

Designed and developed the website [www.petersplacebw.com](http://www.petersplacebw.com). Currently online.

**Languages/Technologies** – HTML5, bootstrap, CSS3, Google maps API, Windows PLESK.

**REFEREES**

Kekgabile Makhabenyana  
**Manager**  
Botswana Railways SACCOS  
**Mobile:** (+267) 71 659 435  
**E-mail:** [info@brwsaccos.bw](mailto:info@brwsaccos.bw)

Tawanda Togara  
**Project Manager (PIMS)**  
Botswana Harvard Partnership  
**Mobile:** (+267) 72 104 038  
**Tel:** (+267) 363 2496  
**E-mail:** [togaratw@gmail.com](mailto:togaratw@gmail.com)

Letso Phukula  
**Senior System Administrator (PIMS)**  
Ministry of health  
**Mobile:** (+267) 72 311 222  
**Tel:** (+267) 363 2251  
**E-mail:** [lphukula@gov.bw](mailto:lphukula@gov.bw)

Baalakani Nlumbile  
**Owner**  
Peter's Place Bed & Breakfast  
**Mobile:** (+267) 72 811 978  
**Tel:** (+267) 393 7162  
**E-mail:** [info@petersplacebw.com](mailto:info@petersplacebw.com)

Tony Chebani  
**Data Manager**  
Botswana Harvard Partnership  
**Mobile:** (+267) 72 157 909  
**Tel:** (+267) 363 2496  
**E-mail:** [tchebani@gov.bw](mailto:tchebani@gov.bw)

---