Gilbert Ssenyonjo

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**SUMMARY**

Full Stack software engineer with 4 years of professional experience.

Microsoft certified professional in Azure, Dynamics 365, Power Platform.

Working fulltime for HRP Solutions as a software developer and part-time for Synaptic Solutions (Tanzania) as a senior software engineer.

Co-founder of Pakasa Holdings, a limited liability company offering AWS services and implementing software applications that leverage AWS technology.

**PROFESSIONAL SKILLS**

Programming Languages: TypeScript, JavaScript, C#, AL

Databases: Microsoft SQL Server, MySQL, MongoDB

Tools: Powershell, Git, node.js

Platforms: Dotnet, AWS, Azure, Power Platform

**PROFESSIONAL EXPERIENCE**

**SYNAPTIC SOLUTIONS, 6TH MAY 2024 - PRESENT**

**Address:** Dar es Salaam, Tanzania

**Position:** Senior Software Engineer, Part-time

**Summary:** Synaptic Solutions is a Microsoft Certified partner operating in Tanzania, Kenya, Zambia, Rwanda and Burundi.

**Duties and Responsibilities:**

**Tender Management System**

**Description:** I am developing a tender management system for our client World Wide Foundation Zambia.

**Purchase Requisition Portal**

**Description:** I developed a web portal for purchase requisitions for client WWF Tanzania.

**ZRA Integration**

**Description:** I’ve integrated customer financial systems with ZRA for invoice fiscalization for our Zambia clients.

**HRP SOLUTIONS (U) LTD, 1ST SEPT 2020 - PRESENT**

**Address:** Plot 49, Ntinda Road, +256 392 004 312, https://hrpsolutions.com

**Position:** Software Engineer, Full-time paid

**Summary:** HRP Solutions is a Microsoft Gold Certified Partner specializing in delivering ERP software solutions in East and Central Africa.

**Duties and Responsibilities:**

**Integration of Ruby Hospital’s Insta software system with C-Care’s hospital system**

**Project Description:** I integrated medical records for Ruby Hospital with C-Care’s hospital system and also their lab system.

**Clients:** C-Care, Ruby

**Integration of stock exchange system for U.S.E**

**Projection Description:** I integrated the stock exchange system used by U.S.E with their financial system so that brokers and custodians get invoiced automatically.

**Clients:** Uganda Securities Exchange

**Integration of Hospital with Jubilee**

**Projection Description:** I integrated the hospital management system used by C-Care’s IMCs with Jubilee’s Claim Management System so that claims are sent electronically.

**Clients:** C-Care

**Bank Integrations**

**Description:** Integrating client financial software systems with several banks so that payments are sent automatically to the bank. Banks include Stanbic bank, Citibank, ABSA, Stanchart.

**Clients**: UWA, IDRC, Mildmay, UDB, UEGCL

**Sales application for Kawacom Uganda**

**Description:** I implemented a sales software application used by Kawacom Uganda. The app is used to invoice their customers, both local and abroad.

**Clients:** Kawacom Uganda

**Integration with Core Banking system**

**Description:** I am currently working on an integration between the core banking system used by Uganda Development Bank with their new reporting system.

**Clients:** Uganda Development Bank

**Implementation of Sales Electronic Tax Register application used in Burundi**

**Description:** Implemented a Sales Electronic Tax Register software application that is used in Burundi. The system is integrated with the Burundi Government’s Electronic Billing Machine so that invoices issues are fiscalised in real-time.

**Clients**: Gardaworld Burundi

**Implementation of a Web API used for Bookings and Reservations (UWA)**

**Description:** I implemented a Web API that is used by the Bookings and Reservations System to track bookings, invoices, payments and rescheduled.

**Project Duration:** Involvement: 6th Oct 2023 – 16th November 2023

**Clients**: Uganda Wildlife Authority

**Integration with URA Electronic Fiscal Devices (EFD)**

**Description:** Implemented pulling invoices generated by EFDs from URA to client’s ERP

**Clients**: Oshochemicals Uganda

**Integration with Tanzania’s Virtual Fiscal Device**

**Description:** Integrating MS Dynamics BC180 with Tanzania’s Virtual Fiscal Device using the Power VFD platform to automatically send invoices to the government

**Clients**: Tracknav Tanzania

**Leave Management System**

**Description:** Implemented a web application that is used by employees to apply for leave

**Clients**: AVSI Uganda

**Electronic Payment System**

**Description:** Implemented a web application that is used by Mildmay to process salaries for their district staff and community personnel

**Clients**: Mildmay Uganda

**Timesheets system**

**Description:** Implemented timesheets functionality in a human resource management system

**Clients**: Makerere University Walter Reed Project (MUWRP)

**Integration with HxCentral (Pulse) feedback system**

**Description:** Implemented sending of patient visits and admission data to HxCentral to collect feedback from patients

**Clients**: International Hospital Kampala, International Medical Centre

**Integration with Smart Printing Management System (SPMS)**

**Description:** Implemented sending of released production orders to SPMS for printing

**Clients**: Riley Uganda

**Integration with National Drug Authority Management Information System (NDAMIS)**

**Description:** Implemented a web API that is consumed by NDAMIS to send invoice and payment data to client’s ERP

**Clients**: Riley Uganda

**Window Server Migration**

**Description:** Migration from Windows Server 2008 R2 to Windows Server 2019

**Clients**: Riley Uganda

**EFRIS API Integrations**

**Description:** Performing an integration between the local tax authority in Uganda and Microsoft Dynamics

**Clients**: Uganda Batteries Limited, Kawacom (U) Limited, Uganda Wildlife Authority etc (About 20 customers)

**Sub-Grant Management System (SGMS)**

**Description:** A web application that allows the donor (Mildmay Uganda) to track the activities of her Sub-Grantees

**Clients**: Mildmay Uganda

**Timesheets Web Application**

**Description:** A web application that allows the employees to fill in and submit their month timesheets

**Clients**: AVSI Uganda

**Integration with Lab Information Management System**

**Description:** Integration of the Hospital Management Information System (HIMS) with the Lab Information Management System (LIMS)

**Clients**: IMC, IHK (Now called C-Care)

**Integration with Beyonic**

**Description:** Integration of Microsoft Dynamics NAV with Beyonic

**Clients**: Mildmay Uganda

**IT CERTIFICATIONS**

* Microsoft Certified: Azure Fundamentals
* Microsoft Certified: Power Platform Functional Consultant Associate
* Microsoft Certified: Power Platform Solution Architect Expert
* Microsoft Certified: Dynamics 365 Business Central Functional Consultant Associate
* Frontend Masters: Getting Started With CSS

**EDUCATION**

BS in Computer Science, Makerere University Kampala, Kampala, Uganda

08/2017 – 01/2022. CGPA is 3.48

UACE, St. Marys College Kisubi. 16 points

UCE, Ndejje Senior Secondary School, 9 in 8 aggregates.

**PROFESSIONAL TRAINING**

* Microsoft Power Platform Functional Consultant, Koenig Solutions, India, 25th Sept 2023 – 29th Sept 2023
* Microsoft Power Platform Solution Architect, Koenig Solutions, India, 2nd Oct 2023 – 04th Oct 2023

**HOBBIES**

* Playing chess on lichess.org
* Playing scrabble with friends
* Football
* Going to cinema

**HONORS**

Certificate of Participation in the 2017 International Mathematical Olympiad, Brazil