

PORTFOLIO 2026

Muyingo Alex

SaaS, CRM, AI automation & e-commerce systems

Business technology practitioner combining IT operations, digital commerce and AI-assisted solution delivery.

Selected systems, modules and integrations

A practical overview of software and digital projects delivered or developed across SaaS platforms, logistics, payments, CRM, commerce, AI communications and mobile applications. Status labels distinguish live workflows from pilots and work in progress.

MULTI-TENANT BUSINESS SOFTWARE	CRM & MESSAGING EXTENSIONS	ECOMMERCE & MOBILE
Laravel + MySQL	**Perfex + APIs**	**WooCommerce + Flutter**

EXPERIENCE & APPROACH

Digital commerce and IT operations experience since 2016; more recent focus on software solutions and AI-assisted implementation. I translate operational requirements into workflows, coordinate code generation and integration, test releases, resolve deployment defects and support businesses after launch.

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Public site example: skynet.co.ug | Full interactive portfolio website included with this document.

Featured business systems

These projects illustrate product scope and the business processes addressed. Outcomes are functionality descriptions, not independently audited performance claims.

TimesOps Business Cloud

Multi-tenant business operating system for organizations.

Product ownership and AI-assisted implementation of a modular Laravel platform with tenant-aware workflows, role-based staff permissions, subscription concepts, business modules, integrations, authentication and operational dashboards.

TECHNOLOGIES Laravel · PHP · MySQL · Bootstrap · APIs

STATUS Active development

Alex AI — Business Sales Assistant

AI-supported customer conversations and lead qualification across messaging channels.

Designed and implemented WhatsApp-linked AI assistant workflows including language-aware conversations, product and order enquiries, follow-ups, human handover, tenant settings and usage metering. Further integrations continue to evolve.

TECHNOLOGIES Laravel · Node.js · APIs · Webhooks

STATUS Implemented / evolving

Logistics Pro + Driver Workflows

Shipment processing, dispatching and delivery workflows.

Multi-shipment/manifest handling, warehouse operations, pickup assignment, customer tracking, proof of delivery, driver dashboards and pilot mobile flows. Mobile release features require per-deployment testing.

TECHNOLOGIES Laravel · PHP · MySQL · Flutter

STATUS Operational modules / app pilot

AiPOS Retail

Point of sale with transactions, receipts and stock/accounting integration.

Retail cashier operations including cash, card, mobile-money and credit-sale handling, hold/resume, role-based discount limits, receipt formatting and offline-first order handling.

TECHNOLOGIES Laravel · JavaScript · MySQL · PWA

STATUS Working implementation

AiPOS Restaurant & QR Ordering

Restaurant ordering with public QR menus and kitchen operations.

Restaurant configuration and menu workflows for S&B Café: item categories, variations, option groups, public QR ordering, chef and waitress roles, kitchen views and ordering handoffs.

TECHNOLOGIES Laravel · PHP · MySQL · PWA

STATUS Client rollout

PaySettlr / SmartPay School Payments

School fee collections, wallets and financial allocation.

Per-school financial workflows including fee posting, payment requests, unallocated transaction handling, parent wallet top-ups, cafeteria sales, receipts and transaction reporting.

TECHNOLOGIES PHP · CodeIgniter · MySQL · Payments

STATUS Working implementation

APP SACCO Operations Suite

Digital operations for cooperatives and SACCOs.

Multi-module SACCO implementation covering members, savings, shares, loans, approvals, cashier services, cash management, treasury, accounting, budgets, compliance and a combined member/field-officer app concept.

TECHNOLOGIES Laravel · PHP · MySQL · Mobile

STATUS In development

Farm Management Pro

Mobile-first farm procurement, expenses and accountability.

Real-customer workflows for purchases, contractors, project cost tracking, approvals, receipts, inventory, HR and accounting links, task notifications and farm-aware AI support.

TECHNOLOGIES Laravel · PHP · MySQL · Mobile web

STATUS Client rollout

Perfex CRM plugins & extensions

A specialized portfolio of business modules and platform modifications. Where a module involved configuration, customization or maintenance rather than wholly original authorship, the description reflects that.

China Forwarding CRM Module · Implemented / refined

Shopping-to-shipping workflows inside Perfex CRM. Customer purchase requests, warehouse check-in, item photos and dimensions, shipping queues, consolidation, cost estimates, client portals, wallet handling and customer tracking.

Perfex WhatsAppBot · Implemented / maintained

WhatsApp conversations linked with CRM customer workflows. Messaging gateway integration, CRM inbox, customer conversations, support/handover processes and automation capabilities maintained alongside connected-device session management.

Africa's Talking Call Center · Inbound live / outbound evolving

Business calling, IVR and customer-routing operations. Africa's Talking voice/IVR menu, call routing for agents, tracking/rates information, call logs, browser softphone and outbound-call integration work. Inbound flow was reported working; outbound troubleshooting was ongoing.

Perfex Tmail Email Client · Implemented / maintenance

Business email inside CRM. IMAP/SMTP mailbox integration, folders, message composition, attachments, background send handling and ongoing fixes for editor and attachment display behavior.

Perfex HR & Payroll · Customized module

Internal people and payroll workflows. HR/payroll module configuration and business-system integration work within Perfex CRM, including permissions, user-facing workflow refinement and operational fixes.

Perfex Accounting · Customized module

Accounting operations connected to CRM records. Accounting-module setup and workflow customization supporting finance operations, reporting and business record reconciliation.

Perfex Approvify · Customized module

Operational approvals and signoff processes. Business approval workflows integrated into Perfex installations, including permission boundaries and task handoffs for internal staff.

Perfex UI & Dark Mode Upgrade · In refinement

Modernize CRM navigation and visual usability. Zoho-style menu exploration, navigation/footer concepts and dark-interface changes. Compatibility and deployment issues remain part of ongoing refinement.

AI & Automation

Alex AI — Business Sales Assistant | Implemented / evolving

Designed and implemented WhatsApp-linked AI assistant workflows including language-aware conversations, product and order enquiries, follow-ups, human handover, tenant settings and usage metering. Further integrations continue to evolve.

Tools: Laravel · Node.js · APIs · Webhooks

Unified Communication Hub | Core implemented / channels expanding

Three-column messaging workspace for website chat and WhatsApp with assignment, customer context, tags, notes, unread signals, human handover and planned additional social channels.

Tools: Laravel · Webhooks · APIs

AI Marketing Command Center | Implemented / improving

Campaign briefs, AI-supported content drafting, promotional image generation, seven-post plans, approval/review stages, publishing handoffs and AI credit controls.

Tools: Laravel · OpenAI API · Social APIs

Social Publishing Hub | Publishing flow tested

Business/page connection, scheduling and handoff from creative plans, with Facebook and Instagram publishing workflows tested. Additional approvals and platform connections remain deployment-dependent.

Tools: Laravel · Meta APIs · Webhooks

Website Chat & Team Inbox | Installed / enhanced

Customer-facing chat widget, session handling, unread/new indicators, operator handover, secure message delivery and CRM-inbox integrations.

Tools: PHP · JavaScript · API

Commerce & Web

Commerce Hub — Store Connectors | Working connector

WooCommerce product, order and customer integrations, catalogue linking, currency presentation fixes and an AI shopping-assistant data bridge.

Tools: Laravel · WooCommerce REST API · PHP

Skynet Corporate Website | Public website

Website and service-navigation redesign, shipment tracking, quote forms, customer help and webchat integration work for Skynet Worldwide Express Uganda. Public site is available.

Tools: HTML · CSS · JavaScript · CRM integration

SkyNet Stores / WooCommerce | Existing website work

WooCommerce store management, product uploads, merchandising, marketing pages, customer journeys, plugin updates and API connections with back-office and mobile tools.

Tools: WordPress · WooCommerce · PHP

Marketplace Import Plugins | Built / maintained

Assisted import and pricing workflows for marketplace-sourced products, including conversion, margins, category mapping, image handling, variation records and stock defaults.

Tools: PHP · WooCommerce · REST APIs

Meta Commerce Product Feed | Implemented

Store feed work for products, variants, prices, inventory and images to support Meta catalogue requirements.

Tools: WooCommerce · PHP · XML

Mobile Applications

SkyNet Stores Flutter App | Pilot / build package

Flutter shopping application with WooCommerce catalogue browsing, search, categories, checkout flows, customer notifications and integrations with logistics and shopper features. Build validation varies by release.

Tools: Flutter · Dart · WooCommerce APIs

School Parent Mobile App | Working iteration

Parent-oriented mobile interface with school login, notifications, fee and wallet information, reporting and support for multiple school contexts.

Tools: Mobile app · PHP · APIs

APP SACCO Member & Field App | Planned / in development

Combined mobile access planned for member self-service, savings/loan information and field operations with role-aware access.

Tools: Mobile app · Laravel · APIs

Creative & Operations

Graphic Design & Campaign Production | Delivered client work

Website graphics, visual campaigns, print advertisements, social creatives, motion graphics, product launches, SEO and acquisition support for e-commerce and logistics businesses.

Tools: Photoshop · Illustrator · Premiere · After Effects

Prototypes

Trading Dashboard & Journal Prototype | Experimental / personal project

Exploratory browser dashboards for recording trade setups and reviewing screenshots, supporting manual risk controls and journaling. Not presented as an audited trading product or profitable bot.

Tools: HTML · JavaScript · PHP

How I can help clients

- Business software assessment, workflow mapping and project scoping
- CRM / SaaS configuration, integrations and module customization
- WooCommerce websites, catalogue feeds and customer automation
- Chatbot, WhatsApp and call-center process implementation
- Shared-hosting deployments, troubleshooting and ongoing support

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