



ALTERED ATOM
TECHNOLOGIES LIMITED

Selected work that is already live.

Led by a Chartered Engineer and Chartered IT Professional, recognised by Google as a Top Black Talent, with a PhD in AI and robotics. Federal regulators, government programmes, hotels, retailers and factories run on software we built. Every screenshot in this brochure was taken from the live site. Type any address on these pages into your phone and you will land on the running system.

14

SYSTEMS IN
PRODUCTION

4

LIVE .GOV.NG
ADDRESSES

6

GEOPOLITICAL
ZONES SERVED

2

COUNTRIES
IN PRODUCTION

We build the system, then we run it.

Altered Atom Technologies is an Abuja software company. We design, build, deploy and maintain the platforms our clients depend on daily, from a federal regulator's licensing registry to the till in a Cardiff refill shop. We are not a design shop that hands over a folder of files. Every system below is one we still operate.

14

SYSTEMS IN PRODUCTION

4

LIVE .GOV.NG ADDRESSES

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GEOPOLITICAL ZONES SERVED

2

COUNTRIES



LED BY

Dr Chinemelu Ezech, PhD, CEng, C.ITP

A Chartered Engineer (CEng) and Chartered IT Professional (C.ITP), recognised by Google as a Top Black Talent, with a PhD in AI and robotics from University College London, and a First Class MEng from Imperial College London. A published researcher in AI and control systems, co-chair of the AI Infrastructure Working Group at the Nigeria AI Collective, and the engineer who has led digital transformation for federal regulatory bodies. Every system in this brochure was built under his direction.

Websites and public platforms

Public-facing sites for ministries, regulators, firms and hospitality, built to be fast, findable and edited by your own staff.

Registries, portals and licensing

Applications, approvals, payments, certificates and public verification, with role-based access and a full audit trail.

Custom business systems

CRM, bookings, records, inventory, invoicing and field-team tracking, built to your process rather than rented from abroad.

AI and conversational agents

WhatsApp, web and natural-voice agents that answer, qualify, book and hand over to your staff, day and night.

Retail and operations

EPOS, stock ledgers, click and collect, production optimisation and costing for shops and factories.

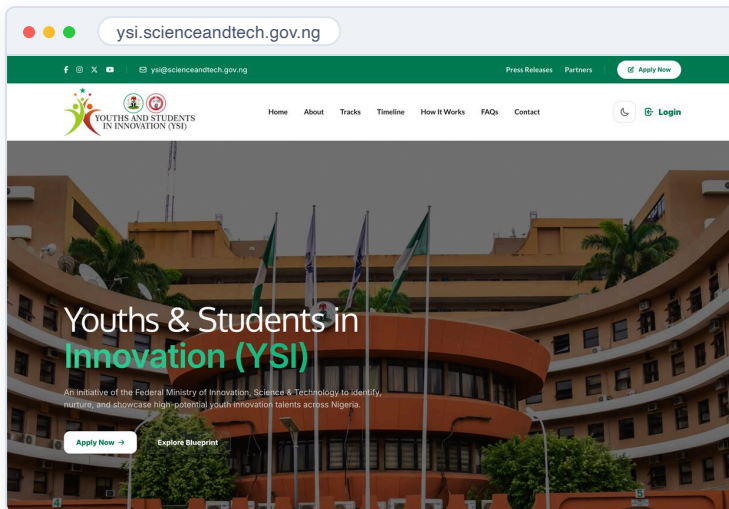
Mobile applications

Native Android and iOS apps with real-time bidding, chat, push notifications and in-app payments.

How to read this brochure. Under every screenshot is the live address it was taken from on 14 August 2026. We do not show concepts, mockups or work belonging to anyone else. If a system is still in development we say so, and we have left it out of these pages.

Federal platforms.

Two national systems for the Federal Ministry of Innovation, Science and Technology and the council it supervises, both live on .gov.ng infrastructure.



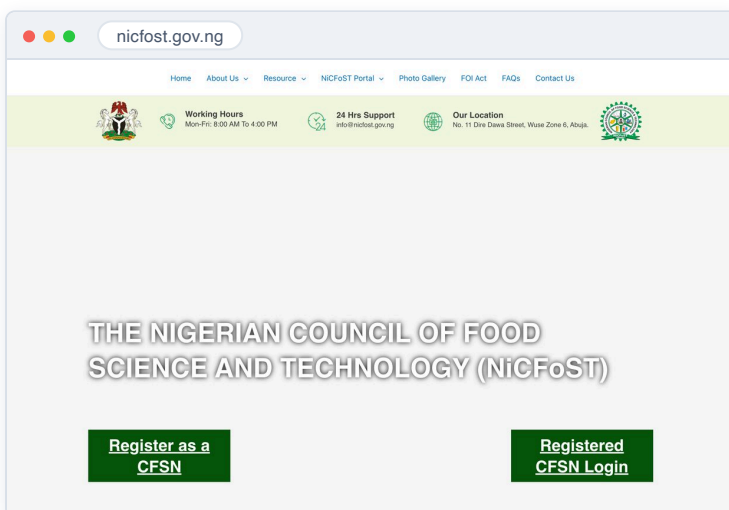
FEDERAL MINISTRY OF INNOVATION, SCIENCE AND TECHNOLOGY

Youths & Students in Innovation (YSI)

The national platform for the Ministry's youth innovation programme, which identifies and nurtures high-potential talent across all six geopolitical zones. We built the public programme site, the applicant journey and the administration behind it: applications and screening, four learning tracks (Digital Creativity, Software Fundamentals, AI and Automation, Data Analytics), and the blended delivery of three virtual weeks plus a three-day physical bootcamp.

Laravel Applicant portal Admin console Six zones

Renewed Hope Agenda



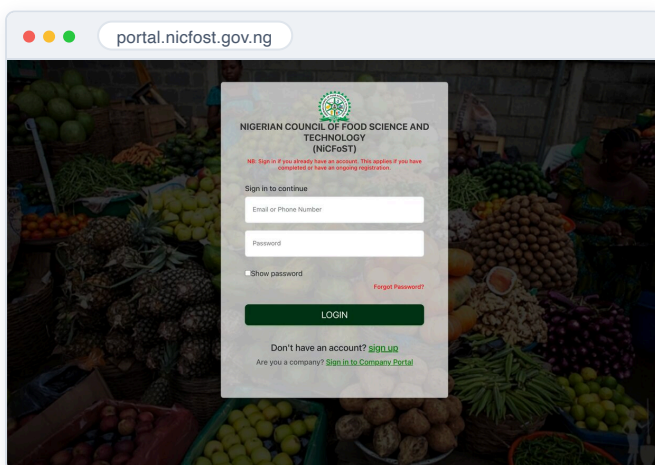
NIGERIAN COUNCIL OF FOOD SCIENCE AND TECHNOLOGY

NiCFoST regulatory platform

NiCFoST regulates the practice of food science and technology in Nigeria under the NiCFoST (Establishment) Act 2019. We built its entire online presence: the public council site, the stakeholder portal and the admin console, covering CFSN professional registration, premises and company registration, annual practice licences, and the public registry the industry uses to verify that a professional or a food business is genuinely registered.

Public site Stakeholder portal Regulator admin console

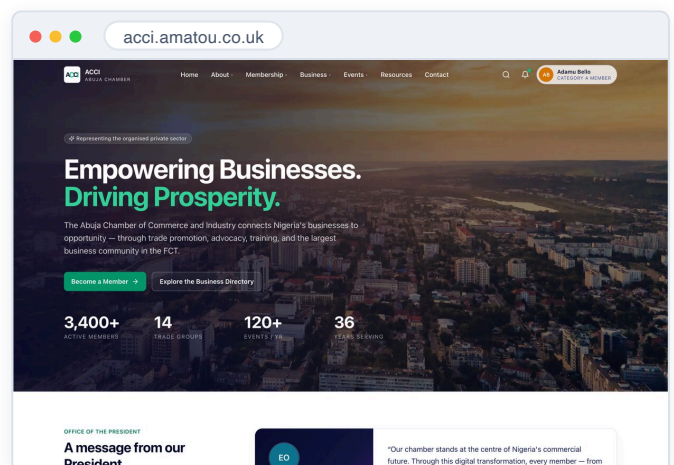
REST API Public verification registry



NICFOST

Stakeholder portal

Where food professionals and companies apply, pay, renew a practice licence and download certificates, without visiting the council office.



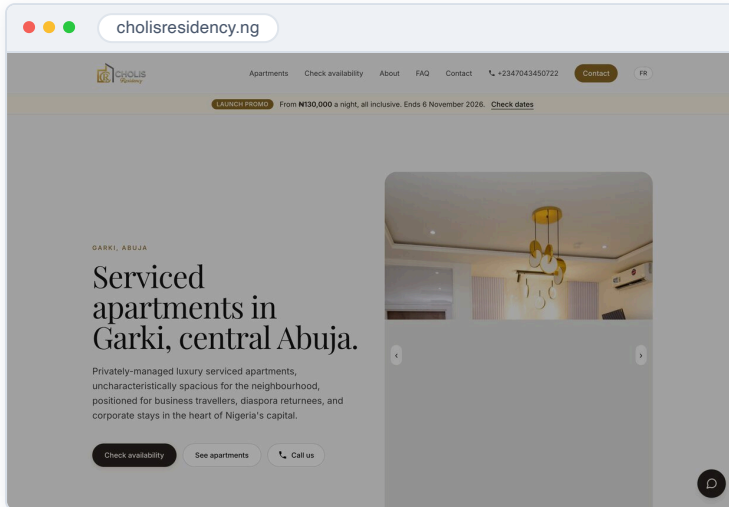
ABUJA CHAMBER OF COMMERCE AND INDUSTRY

Unified chamber web platform

One platform bringing the chamber's membership, events, trade services and directory together, replacing a scattered set of separate sites.

Booked direct, served better.

Systems that take the booking without paying a commission, and look after the guest once they arrive.

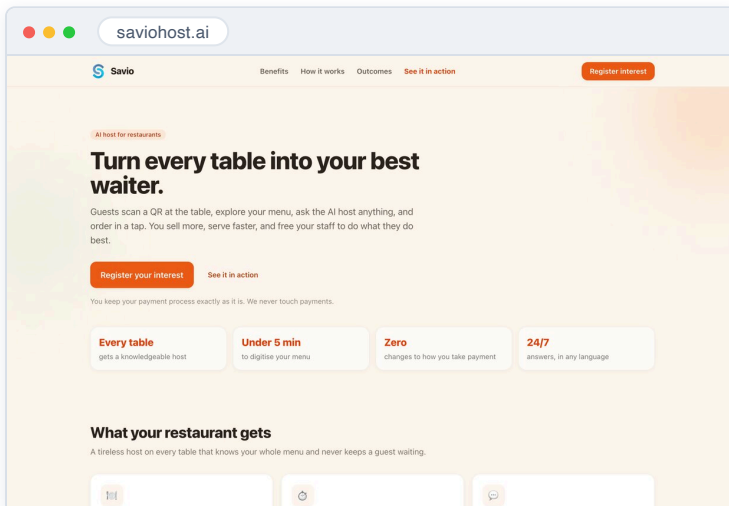


CHOLIS RESIDENCY, GARKI, ABUJA

Serviced apartments, booked direct

A six-unit serviced apartment business in central Abuja, running end to end on one platform. Guests find the property, check live availability and book directly, so the business keeps the commission an online travel agent would have taken. Behind the site sits the operations dashboard, guest verification, statutory police reporting, and channel integration for the listing sites the property still uses.

Direct booking Ops dashboard Guest verification
Police reporting Channel manager

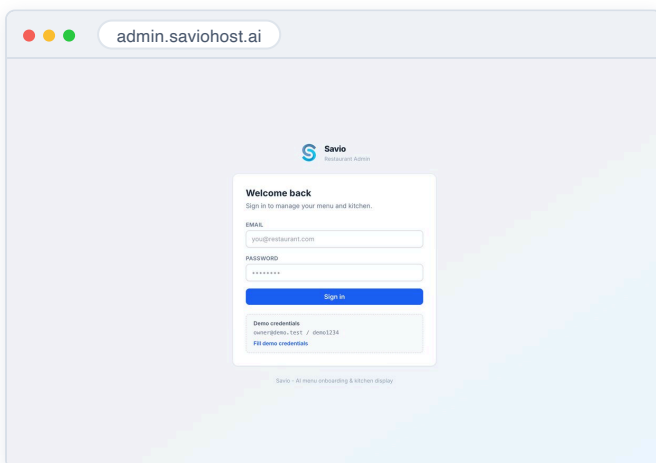


SAVIO, OUR OWN PRODUCT

The AI host for restaurants

Savio is our restaurant product, live in Abuja. A guest scans the QR code on the table, explores the menu, asks the AI host anything, and orders in a tap. Orders route straight to the kitchen, the bill splits per phone, and payment settles through Paystack. It answers in any language, which matters in a city with an embassy belt.

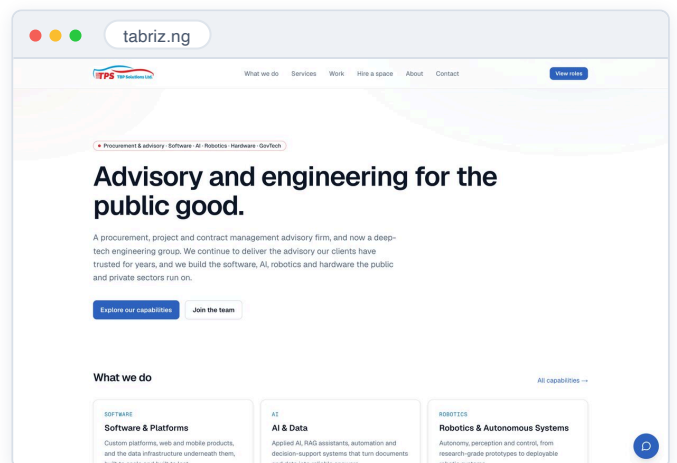
QR table ordering AI concierge Kitchen routing Bill splitting
Paystack Multilingual



SAVIO

Restaurant admin

Menus, prices, cost prices, staff discounts, VAT, live tables, past bills and profit insights, all managed by the restaurant's own team.



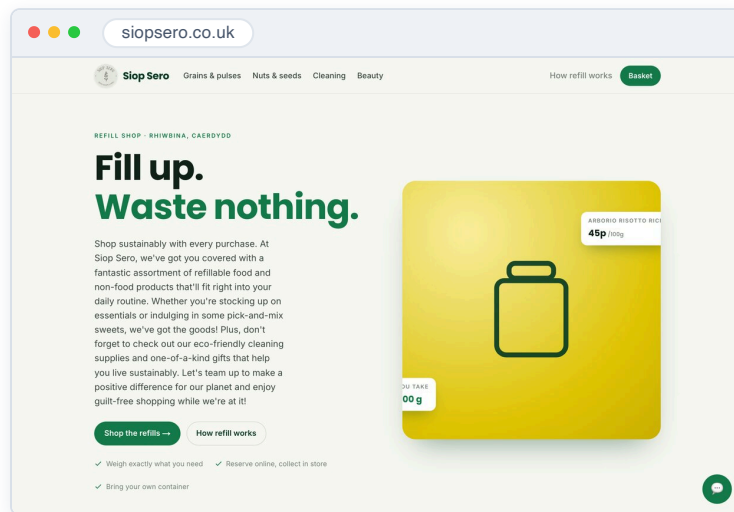
TBP SOLUTIONS LIMITED

Engineering firm, plus AI hiring

A rebuilt site for a procurement and engineering advisory firm, with an AI hiring pipeline behind it: draft the role, get manager sign-off by a no-login link, publish, then rank applicants against the structured requirements. A human always makes the decision.

Where the money is actually counted.

Tills, stock ledgers, factory yields and the AI layer that sits on top of all of it.



SIOP SERO, RHIWBINA, CARDIFF

One shop, one stock ledger

A zero-waste refill shop in Cardiff running on a single connected system: a customer storefront with click and collect, the in-store EPOS till, and the back office. All three share one Postgres stock ledger, which is the point. Online and in-store sales can never oversell each other, because there is only ever one number for how much of anything is left.

Next.js 15 TypeScript PostgreSQL EPOS till
Click and collect United Kingdom



AMATOU TECHNOLOGIES

Conversational AI across every channel

Our AI platform, and the shop window for it. One agent answers on voice, WhatsApp, SMS and web chat: it captures the enquiry, answers from your own knowledge base, books the appointment into your calendar, and hands over to a human the moment it should. Built on FastAPI, Celery and PostgreSQL with a natural-voice stack for the phone line.

FastAPI Celery LangGraph Natural voice WhatsApp
SMS

POLYSTYRENE PROCESSING PLANT

Production optimiser

Multi-order cutting optimisation, costing and yield estimation. The plant plans how to cut a run across several orders with the least waste, and knows what an order truly costs before quoting it. Deployed privately to the plant.

DOCUMENT INTELLIGENCE

Ask your own paperwork

Ask a question across a whole corpus of documents and get an answer with its sources attached, so staff stop hunting through folders for a clause they only half remember.

FEDERAL CIVIL SERVICE COMMISSION

HR and payroll platform

A tailored Frappe HRMS deployment covering employee records, leave, appraisals and payroll for a federal commission, running on the commission's own infrastructure.

AMATOU TECHNOLOGIES

Agent operations dashboard

Where an operator configures the AI agent, assigns phone numbers and channels, and reads back every conversation, booking and human handover the system has handled.

THE COMMON THREAD

One number, not four.

A shop, a clinic and a factory all fail the same way: the same fact lives in four places and none of them agree. We build one ledger and point everything at it.

Your staff run it, not us.

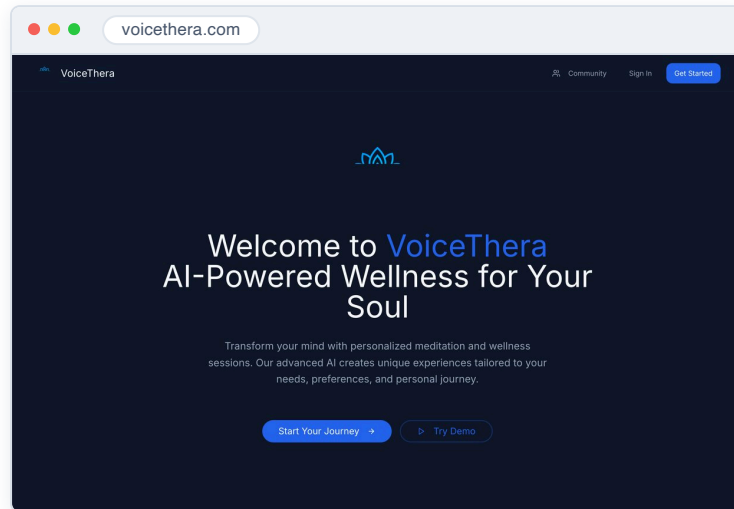
Every system ships with the admin screens your own team uses daily. You are never waiting on us to change a price, add a room or correct a record.

We are still there afterwards.

We host, back up, patch and support what we build. The systems in this brochure are ones we operate today, not ones we handed over and forgot.

And more besides.

Systems without a public front page, or that live on a phone rather than the web.



VOICETHERA

AI voice wellness, built as a product

A meditation and wellness product that generates guided voice sessions personalised to the listener's needs, mood and history, rather than replaying a fixed library of recordings. It is the same voice stack we put behind a client's phone line, pointed at a different problem.

Generative voice Personalisation Mobile and web
Subscriptions

TRUCKER MARKET

Freight marketplace, Android and iOS

Clients post cargo jobs, truckers bid in real time, both sides chat per job and review each other afterwards. Auto-bid rules let a trucker bid automatically on matching loads.

SAVIO PLATFORM

Multi-tenant billing and payments

Plans, entitlements, subscriptions and split payments across restaurants, built on Paystack subaccounts with recurring billing and terminal support.

CHANNEL GATEWAY

WhatsApp and Instagram transport layer

A signed, business-logic-free gateway that lets any of our products speak on WhatsApp and Instagram without each one re-implementing the messaging plumbing.

ASROON PROPERTIES

Real estate platform, web and mobile

Listings, agent and user roles, verified accounts and search, with a FastAPI backend and a Flutter mobile app.

FIELD SALES OPERATIONS

Rep CRM with GPS and photo proof

Per-rep accounts, daily targets, follow-ups, and visit logging with location and photographs, plus a manager view over the whole pipeline.

MEMBERSHIP AUTOMATION

Paid-community bot

Automated membership management for a paid group: payment tracking, expiry reminders and automatic removal when a subscription lapses, with no moderator in the loop.

What we could build for you

Every system in this brochure started as one conversation about a process that was costing somebody time or money. Ours is a fixed price against a written one-line scope, so you know the number before we start.

Live demos, the full portfolio and our current rates are all at altered-atom-technologies.com



Scan to
open the site

Websites from ₦250,000

A one-page site in five working days, up to a full booking or e-commerce platform.

AI chatbots and agents from ₦360,000

An agent that answers, books and takes orders around the clock, then hands over to your staff.

Custom systems from ₦1,900,000

CRM, records, bookings, inventory and invoicing, built to the way you already work.

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