

Arki Tech Solutions company profile and project portfolio, prepared for client review.

ABOUT US

A software and AI engineering company from Addis Ababa

Arki Tech Solutions PLC designs, builds and supports software for clients in Ethiopia and abroad. We build our own products, and we work as an engineering partner for organizations that need custom systems.

REGISTERED

Legally registered company in Ethiopia

BASED IN

Addis Ababa: headquarters and engineering hub

STANDARDS

Local market knowledge, international engineering

WHY “ARKI”

Arki means “to see” in Afaan Oromo and “satisfying” in Amharic.

That is how we work: we see the problem clearly first, then deliver software that truly satisfies.

WHAT WE BUILD

From a first AI feature to a full platform

AI & Data

AI assistants, agents and data pipelines built into the products you already run.

Custom Software

Web and mobile apps, and the backend systems behind them, built around how you work.

Cloud & DevOps

Cloud setup, automated releases and monitoring that keep your product running.

Dedicated Teams

Experienced engineers who join your team, work in your tools and stay for the long run.

HOW WE WORK

From first call to first release

A simple, transparent process. You always know what happens next, and who is doing it.

DAY 1

Discovery call

We learn your problem, users and goals.

WEEK 1

Proposal & plan

Clear scope, timeline, team and price, in writing.

WEEK 2

Team & kickoff

Meet your engineers; set up tools and access.

WEEKLY

Build in sprints

Short sprints with a working demo every week.

ONGOING

Launch & support

Go live, monitor and keep improving with you.

PROJECT PORTFOLIO

Selected projects and clients

Project	Client	Sector	Period
Tumsa	Oromia Region President's Office (proposed)	Government	Aug 2026 – now
Custom Enterprise ERP	Alif Car Import; Federal Majlis	Enterprise	Dec 2025 – now
Fewes Pharmacy OS	Arki product	Pharmacy	2026 – now
Hospital Management System	Arki product	Healthcare	Feb – Jun 2026
Serviy	Arki product	Hospitality	2026
Majlis Election System	Federal Majlis (with Perfonet)	Elections	Apr – Sep 2025
Majlis ERP	Federal Majlis (with Perfonet)	Enterprise	Jul 2024 – May 2025
MPA Membership Platform	Muslim Professionals Association	Membership	Apr – Nov 2025
TradeEscrow	Arki open-source product	Agri-export	2026 – now
BioFlex	Ethiopian AI Institute	Research	2023 – Jul 2024

PROJECT 01 · GOVERNMENT

Tumsa

In development

A dynamic field data collection platform that brings verified raw data straight to the region, instead of summaries that lose reliability on the way up.

PROPOSED TO
Oromia Region President's Office

PERIOD
August 2026 – present

USERS
Field workers across every sector and level

- Dynamic form builder: any form, for any sector, such as health or agriculture
- Raw data stored on the region's own servers in Ethiopia
- Report and format generation, with AI built in
- Secure API, web console, file uploads and row-level data security

PROJECT 02 · ENTERPRISE

Custom Enterprise ERP

Active

A configurable enterprise resource planning system that adapts to any type of business, from vehicle import to large institutions.

CLIENTS

Alif Car Import

Ethiopian Islamic Affairs Supreme Council (Federal Majlis)

PERIOD

December 2025 – present

- Finance, inventory, sales, purchasing and import management
- Business workflows with role-based access control
- Transaction validation and a clean REST API
- Built with NestJS, Next.js, TypeScript and MariaDB

PROJECT 03 · PHARMACY

Fewes Pharmacy OS

Arki product

A complete operating system for licensed Ethiopian retail pharmacies, from the sales counter to the back office.

TYPE
Arki product

PERIOD
2026 – present

LANGUAGES
English and Amharic

LIVE DEMO
Open the live demo

- Point-of-sale counter for cashiers and pharmacists, plus back office
- Desktop counter app that keeps working offline
- Receipt printer, cash drawer and till key built in
- Ready for Ministry of Revenues e-invoicing

PROJECT 04 · HEALTHCARE

Hospital Management System

A multi-branch hospital management system built for Ethiopian hospitals, from registration to billing.

TYPE
Arki product

PERIOD
February – June 2026

BUILT FOR
Multi-branch Ethiopian hospitals

- Registration, triage, consultations, laboratory and pharmacy
- Billing and queue management with real-time updates
- Role-based access and branch-level data isolation
- Full audit trail of clinical changes

PROJECT 05 · HOSPITALITY

Serviy

Arki product

AI-powered digital menus and ordering for restaurants, hotels, coffee shops and cafés, part of Arki's wider hospitality platform.

FOR

Restaurants, hotels, coffee shops and cafés

LIVE DEMOS

Serviy app

QR digital menu

- AI-powered menus with QR code ordering at the table
- Amharic and English, with fasting and dietary filters
- Loyalty, gift cards, delivery and live sales analytics
- Features switched on per business, from a small café to a hotel

PARTNERSHIP PROJECTS

Delivered with PerfoNet ICT Solutions

Two systems for the Federal Majlis, built in partnership with **PerfoNet ICT Solutions**.

FEDERAL MAJLIS · APR – SEP 2025

Digital Election Management System

For the Ethiopian Islamic Affairs Supreme Council: voter and nominee registration and election administration across mosque, district and regional levels.

emre.et

FEDERAL MAJLIS · JUL 2024 – MAY 2025

Enterprise Resource Planning System

ERP modules for inventory management, asset tracking, HR processes and financial reporting, built with Laravel and MySQL.

MORE WORK

Platforms, blockchain and research

CLIENT · 2025

MPA Membership & Event Platform

For the Muslim Professionals Association: member registration, membership and subscriptions, and event management with online payment through Chapa.

muslimprofession.org

OPEN SOURCE · 2026

TradeEscrow

An Ethereum escrow that replaces slow, costly bank letters of credit for agricultural exports. An independent inspector releases payment or refunds the buyer.

Live app · GitHub

RESEARCH · 2023–2024

BioFlex

Machine learning that classifies muscle (EMG) signals to control a bionic hand. Funded and published, with the Ethiopian Artificial Intelligence Institute.

OUR TEAM

The people behind Arki

All four of us come from Addis Ababa University: one campus, one standard of engineering, and now one team. The people who plan your project are the ones who build it and support it after launch.

JE

Jabir Esmael

Chief Executive Officer

Addis Ababa University

FA

Firomsa Abrahim

Deputy CEO & Head of AI Automation

Addis Ababa University

HG

Habib Gemmechu

Chief Technology Officer

Addis Ababa University

FM

Felmeta Muktar

Project Manager & Lead Full-Stack Engineer

Addis Ababa University

CONTACT

Let’s talk about your project.

contact@arkisolutions.com

+251 949 794 235

arkisolutions.com

Kirkos Sub-city, Addis Ababa, Ethiopia

Arki
TECH SOLUTIONS