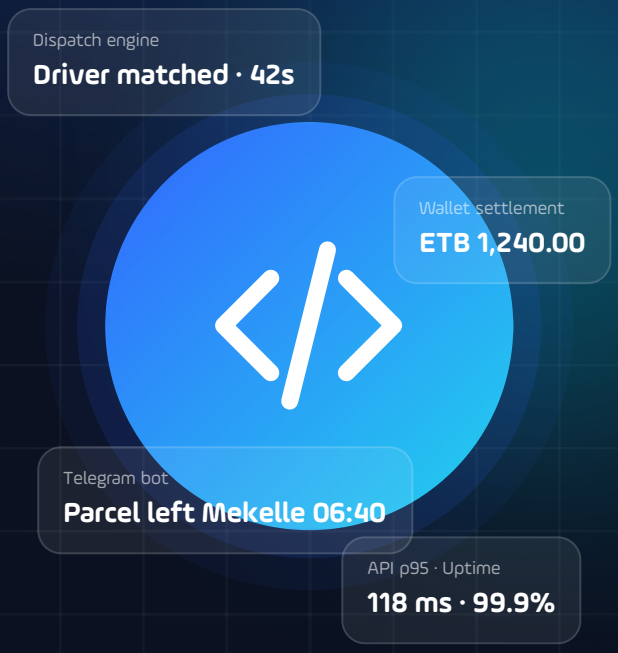
Source Code
IT SOLUTIONS PLC



COMPANY PROFILE · 2026

Software that runs real businesses in Ethiopia.

We are the engineering team behind ride-hailing, fintech, logistics and gaming platforms used every day across Ethiopia. Web, mobile, bots, ERP and the backends that hold it all together.

17+	8	9	24/7
PRODUCTS SHIPPED	INDUSTRIES	SERVICE LINES	OPERATIONS

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WHO WE ARE

An engineering company that runs what it builds

Source Code IT Solutions PLC designs, builds and operates software for businesses in Ethiopia and the diaspora. We are engineers first: our own platforms carry real passengers, parcels and payments every day, and that discipline shapes every client project.

MISSION

To give Ethiopian businesses software that is correct, resilient and genuinely theirs: built for local networks, payments and users, and kept running long after launch.

VISION

A country where every serious business, from a coffee exporter to a microfinance institution, runs on software engineered to the same standard as the best in the world.

17+	8	9	24/7
Products shipped	**Industries served**	**Service lines**	**Operations**
apps, platforms and bots in the field	mobility, fintech, logistics, gaming and more	from strategy to database operations	we monitor and support what we build

WHAT SETS US APART

Built for Ethiopian reality

Flaky networks, OTP delays, cash-heavy users, telebirr and CBE Birr, Amharic UI. Designed in from day one.

Money-grade engineering

Our fintech and gaming systems move real money. Double-entry ledgers, idempotent payments and audit trails are the default.

Product owners, not order takers

We run our own consumer platforms, so we understand retention, fraud, support load and unit economics.

We operate what we ship

Monitoring, on-call, upgrades and incident response are part of every engagement.

INDUSTRIES

Mobility · Logistics · Fintech · Gaming · Enterprise · Commerce · Consumer · Energy

WHAT WE DO

Nine disciplines. One accountable team.

From a landing page to a national payments platform, every engagement is staffed by engineers who have shipped it before.

Web Development

Websites and web platforms that load fast, rank well and scale.

- Responsive, mobile-first layouts tested on real devices
- Core Web Vitals in the green: fast first paint and stable layout
- SEO-ready structure: metadata, sitemaps, structured data

Telegram Bots

Put your service where your customers already are.

- 24/7 self-service for orders, bookings and support
- Wallet and payment flows with OTP and transaction history
- Broadcasts and segmented notifications to your audience

Mobile App Development

Native-quality apps for Android and iOS, built once, maintained well.

- Flutter or native Kotlin / Swift depending on the product
- Offline-first flows and background services that keep running
- Store listing, release management and crash monitoring

Fintech Solutions

Money movement you can audit, reconcile and trust.

- Double-entry ledgers with exactly-once settlement
- Integrations: telebirr, CBE Birr, M-Pesa, EthSwitch, bank cores
- USSD, WhatsApp and Telegram channels for customers

ERP System Development

One system for the whole business, shaped to how you actually work.

- Chart of accounts, journals and financial statements
- Inventory, procurement and multi-warehouse stock
- Role-based approvals and audit trails on every change

IT Consultation

Independent technical advice before you commit budget.

- Technical due diligence and code audits
- Vendor and platform selection with clear trade-offs
- Security and performance reviews with fixes prioritised

System Architecture & Design

Foundations that hold when traffic, teams and features grow.

- Modular monoliths or microservices, chosen deliberately
- Real-time: WebSockets, queues, event-driven workflows
- Infrastructure as code, CI/CD, monitoring and alerting

WhatsApp Bots

Verified WhatsApp Business automation for sales and support.

- WhatsApp Business API onboarding and template approval
- Interactive buttons, lists and rich media flows
- Agent inbox with assignment, tags and SLAs

Database Administration

Your data, always available, always recoverable.

- Performance tuning and query optimisation
- Automated, tested backups with point-in-time recovery
- Replication, failover and zero-downtime migrations

SELECTED WORK

Platforms people in Ethiopia use every day

Ride-hailing, freight, lending, remittance and gaming: production systems we designed, built and still operate.

MOBILITY

Emun Transport

Live

A full ride-hailing platform for Addis Ababa: passenger and driver apps, a real-time dispatch engine, dynamic fares, driver wallets, carpooling, equb savings circles and a complete operations back office.

- Real-time dispatch with offer queues, penalties and loyalty tiers
- Fare engine with route anchoring and mock-GPS fraud detection
- Passenger and driver wallets, Chapa top-ups, agent POS settlement

Flutter · Python · MongoDB · WebSockets · OpenStreetMap / OSRM

LOGISTICS

CHENET

Live

A freight platform for Ethiopia: a fleet back office for trucking companies with GPS tracking, trip budgets and settlements, growing into a load board that connects shippers, brokers and drivers.

- Fleet TMS: vehicles, drivers, assignments, trip advances and settlement
- Live GPS tracking with PostGIS and a dedicated tracker app
- Kotlin / Spring Boot modular monolith with enforced module boundaries

Kotlin · Spring Boot · PostgreSQL + PostGIS · Redis · React

FINTECH · FOR DECSI

Adopay

Live

A digital lending and payments platform for a microfinance institution: loan origination and repayment, customer service, USSD, airtime and integrations with telebirr, M-Pesa and EthSwitch across a microservice architecture.

- Loan, customer, user, transaction and configuration microservices
- USSD channel plus mobile app for customers
- Payment rails: telebirr, M-Pesa, EthSwitch, core banking write-back

Java / Spring Boot · Next.js · PostgreSQL · Docker · API Gateway

FINTECH · FOR KACHA DIGITAL FINANCIAL SERVICE S.C.

Kacha

Delivered

WhatsApp remittance bot and crowdfunding web platform for Ethiopia's first licensed digital financial service provider.

- WhatsApp Business bot for remittance initiation and status
- Crowdfunding web app with campaigns and contributions
- Secure wallet and OTP flows

Node.js · React · WhatsApp Business API · PostgreSQL

GAMING

AddisMark

In development

A sportsbook and gaming platform: pre-match and live betting, retail cashier panel, virtual games, bingo, Ludo, jackpots, bonuses and promoter programs, backed by payment, settlement and notification services.

- Go backend with betting, payment, settlement and user services
- Web, retail panel, Android and iOS apps
- Edge caching for odds with no-store pricing on bet detail

Go · PostgreSQL · Redis · React · Flutter

LOGISTICS

Emun Express

In development

Intercity parcel delivery between offices: customers book and track parcels, counter staff manage the lifecycle, and both sender and receiver are notified at every step.

- Kotlin / Spring Boot API with Flyway-managed Postgres
- Native Android customer app in Jetpack Compose
- React back office for counters and offices

Kotlin · Spring Boot · PostgreSQL · Jetpack Compose · React

PORTFOLIO

17 products across 8 industries

Every product below was designed, built or operated by Source Code.
Full case studies are available at www.sourcecodeet.com/work.

Emun Transport
MOBILITY · LIVE
A full ride-hailing platform for Addis Ababa: passenger and driver apps, a real-time dispatch engine, dynamic fares, driver wallets...

CHENET
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Kacha for Kacha Digital Financial Service S.C.
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WhatsApp remittance bot and crowdfunding web platform for Ethiopia's first licensed digital financial service provider.

AddisMark
GAMING · IN DEVELOPMENT
A sportsbook and gaming platform: pre-match and live betting, retail cashier panel, virtual games, bingo, Ludo, jackpots, bonus...

Emun Express
LOGISTICS · IN DEVELOPMENT
Intercity parcel delivery between offices: customers book and track parcels, counter staff manage the lifecycle, and both...

Melabooks
ENTERPRISE · LIVE
A mobile bookkeeping app that lets small businesses and freelancers record sales, expenses and stock, and see where...

Duruj
FINTECH · DELIVERED
A remittance platform website and customer flows for sending money home to Ethiopia.

Z-Bingo
GAMING · LIVE
An online bingo platform with player web app, admin console, game API and a real-time notification service, offered as a mult...

Wegagen Market Hub for Wegagen Bank
COMMERCE · DELIVERED
A bank-backed online marketplace for Ethiopian merchants and shoppers, with virtual-account...

Maiden
CONSUMER · LIVE
A trust-first service marketplace: verified providers, bookings and payments, delivered as mobile app, web, admin and API...

WattWay
ENERGY · DELIVERED
An EV charging network platform: charging-station API, driver app to find and start a charge, station operator app and an...

Esete Coffee
COMMERCE · LIVE
A fast, SEO-complete website for a specialty Ethiopian coffee exporter with live owner chat, Telegram alerts...

Tindu Bot
CONSUMER · DELIVERED
A Telegram and web bot platform with a broker API and admin console for managing users, flows and transactions.

YES Taxi
MOBILITY · DELIVERED
A Flutter taxi-hailing mobile app with localisation, Firebase messaging and live trip tracking.

Meseret
FINTECH · IN DEVELOPMENT
Escrow-backed, inspector-verified construction for the Ethiopian diaspora: owners abroad fund milestones into bank escrow,...

Capstone
ENTERPRISE · DELIVERED
Digital platform work for Capstone, delivered as part of our enterprise web and systems practice.

Building something similar?

We reuse proven architecture and integrations from these platforms to shorten your timeline and de-risk launch.

www.sourcecodeet.com/contact

HOW WE WORK

A delivery process that removes surprises

The same five steps on every project, whether it is a two-week bot or a two-year platform.

01

Discover

Users, workflows, constraints and what success looks like. You get a scoped plan with cost and timeline.

02

Design

Flows and screens first, then the system design: data model, integrations, infrastructure.

03

Build in sprints

Two-week sprints with a demo at the end of each. Working software early; priorities steered by evidence.

04

Harden & launch

Load tests, security review, store submissions, monitoring and runbooks before launch day.

05

Operate & grow

We keep running what we built: on-call, upgrades, new features and the data to decide what comes next.

ENGAGEMENT MODELS

Fixed-scope delivery

A defined product, a written scope, a fixed price and date. Best for well-understood builds such as websites, bots and MVPs.

Dedicated squad

Two to six engineers plus a lead, embedded with your team on a monthly retainer. Best for platforms that keep evolving.

Fractional CTO & consulting

Senior technical leadership, audits and roadmaps without a full-time hire. Best before a large budget is committed.

YOUR FIRST MONTH WITH US

WEEK 1 — **Kick-off & discovery**
Stakeholder workshops, access to existing systems, user and data review. Output: scope, risks, milestone plan.

WEEK 2 — **Design & architecture**
Flows, screens and the system design signed off. Repositories, environments and CI/CD stood up.

WEEK 3–4 — **First working increment**
The core flow demoed end to end on a staging environment, with your team using it and feedback shaping sprint two.

ONGOING — **Sprint rhythm**
Two-week sprints, a demo and a written status every sprint, invoices against delivered milestones.

No surprises, by design

You always know what was built, what it cost and what comes next. If something slips, you hear it from us first, with a plan.

Weekly demos · Written status

TECHNOLOGY

A deliberately boring, battle-tested stack

We pick technologies our clients' teams can hire for and operate, and we go deep on each one.

BACKEND

Go · Kotlin / Spring Boot · Python · Node.js · TypeScript

MOBILE

Flutter · Kotlin / Jetpack Compose · Swift · Firebase

WEB

React · Next.js · Tailwind CSS · Vercel

DATA

PostgreSQL / PostGIS · MongoDB · Redis · Kafka / NATS

INFRASTRUCTURE

Docker · Google Cloud · AWS · Caddy / nginx · CI/CD · Prometheus / Grafana

CHANNELS & PAYMENTS

Telegram Bot API · WhatsApp Business API · USSD · telebirr · CBE Birr · M-Pesa · EthSwitch · Chapa

ENGINEERING STANDARDS

Security & IP

Your code lives in your repositories. Secrets, access and data handling follow least-privilege by default; audits on request.

Quality gates

Code review on every change, automated end-to-end suites, load tests and release checklists before anything reaches production.

Money-grade data

Double-entry ledgers, idempotency keys, exactly-once settlement and full audit trails wherever value moves.

Documentation & handover

Architecture decision records, runbooks and living docs, so your team can take over at any point.

VALUES

Correct before clever

Money, trips and parcels must balance. We favour boring, verifiable designs over fashionable ones.

Nothing hidden

Clients see the backlog, the demos and the invoices. Bad news travels first, with a plan attached.

Ship, then improve

A working release in users' hands beats a perfect plan. We launch early and iterate on evidence.

Built for here

We build for Ethiopian users, networks, payments and regulations because we live with them too.

Operations included

Monitoring, on-call, upgrades and incident response are part of the engagement. You are never left holding code nobody maintains.

We operate what we ship

LET'S TALK

Tell us what you are trying to build.

Share the problem, the users and the deadline. An engineer, not a salesperson, replies within one business day with a clear next step.

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NEXT STEPS

01
Send a short brief
Who it is for, what it should do, and when you need it. A paragraph is enough.

02
30-minute call
An engineer asks about users, volumes, integrations and constraints.

03
Written scope in 2 days
Phases, team, timeline and cost, ready for your board or procurement.

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