

Hitham Haider Technology Company Limited

Secure, intelligent, and scalable technology solutions for a better future

Software Development | Cloud Computing | Artificial Intelligence | Digital Transformation

Company Portfolio



شركة هيثم حيدر للتكنولوجيا المحدودة
HITHAM HAIDAR
Technology Company Limited

Towards a Smarter Digital Future

We build digital solutions that make organizations more efficient, smarter, and ready for the future.

H2Tech combines software development, local cloud infrastructure, and artificial intelligence to deliver practical digital solutions for government, private, education, and commercial sectors.

Smart Solutions

Local Cloud

Sustainable
Growth



About H2Tech

H2Tech is a Sudanese technology company established in 2022 and headquartered in Wad Madani, Al Jazirah State. The company is officially registered with the Commercial Registrar in Al Jazirah under number 613.

2022

Founded

Established to deliver specialized software and cloud solutions.

613

Registration

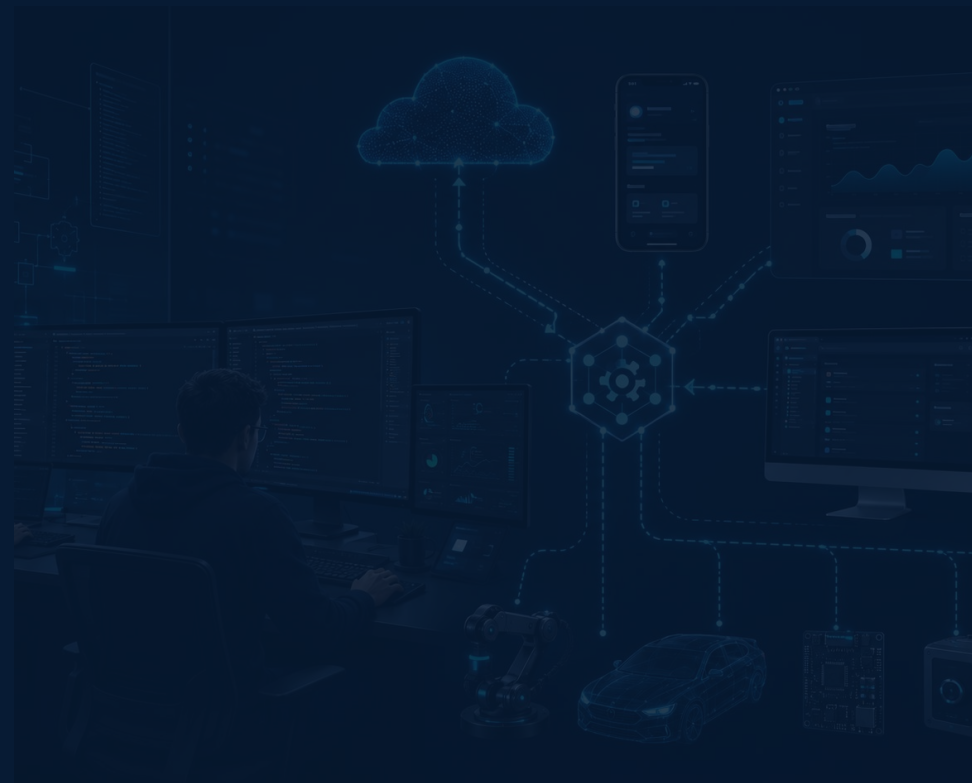
Officially registered with the Commercial Registrar in Al Jazirah.

Local

Cloud Center

A local cloud data center for hosting and operating systems and platforms.

Building local digital infrastructure to support transformation in Sudan.



Vision, Mission & Values

Vision

To become a trusted technology partner in leading digital transformation and building smart solutions that improve institutional efficiency.

Mission

To turn ideas into innovative, effective, user-friendly, scalable technology solutions that support data-driven decision-making.

Values

Innovation, security, quality, flexibility, partnership, and knowledge transfer for sustainable digital capabilities.

Technology solutions for a better future

Why H2Tech?

Local Cloud Infrastructure

Hosting and operating systems in Sudan to improve access speed and data sovereignty.

Custom Development

Solutions designed around the institution's needs, not generic templates.

Practical AI

AI assistants, model integration, and analytics for better decisions.

Systems Integration

APIs and integration with data collection and automation devices.

Education & Enterprise Expertise

Universities, schools, accounting, HR, inventory, and more.

Scalable Architecture

Built to support growth, multiple branches, and high user volumes.

Security & Continuity

Backup, monitoring, and reliable operations for digital platforms.

Local Support

A close team that understands local market realities and needs.

Core Services

Software Development

Desktop, web, mobile, and embedded applications.

Cloud & Hosting

Hosting websites, applications, enterprise systems, and digital platforms.

APIs & Integration

Connecting systems, platforms, POS devices, and data collection tools.

Artificial Intelligence

Smart model integration, AI assistants, and data analytics.

Digital Transformation

Technology consulting, process automation, and user experience improvement.

Electronic Payments

Payment solutions for e-commerce, applications, and digital platforms.



Local Cloud Data Center



Local infrastructure for operating digital business platforms

The local cloud data center is a strategic pillar for H2Tech, providing secure and reliable hosting for systems and digital platforms inside Sudan.

Local Cloud

Hosting

AI Services

Backup

Monitoring

Continuity

Faster access, stronger reliability, and better protection for local data.

Artificial Intelligence Solutions

From data to smarter decisions

AI Assistants

Virtual assistants that answer questions and improve service delivery.

Model Integration

Connecting systems to AI models and smart services.

Data Analytics

Extracting indicators and insights to support decisions.

Knowledge Automation

Turning repetitive processes into intelligent workflows.



Enterprise Solutions

Specialized experience in building and operating institutional systems

**Academic
Management**

School
Management

Accounting

Human Resources

Inventory

Archiving

Libraries

Sales & POS

E-Payment

E-Exams

Attendance

Restaurants

Flexible solutions that can be customized and scaled according to the size and activity of each organization.



Digital Platforms Portfolio

SIMSCLOUD

Smart school management system.

Examitech

AI-supported electronic examination platform.

Cashappy

Cloud accounting system for businesses and institutions.

SadadSD

E-payment platform for apps, stores, and POS devices.

Tamwenatech

Ordering, delivery, and nearest-store marketplace.

Sehatech

Clinic and medical center appointment booking platform.

Majd Al-Dhahab

Gold-backed digital financial platform.

A platform portfolio supporting education, finance, commerce, health, and digital transformation.

SIMSCLOUD

Smart School Management System

An integrated cloud platform for educational institutions that enhances communication between schools, teachers, and parents through smart applications.

Smart Apps

For administration, teachers, and parents.

RFID Attendance

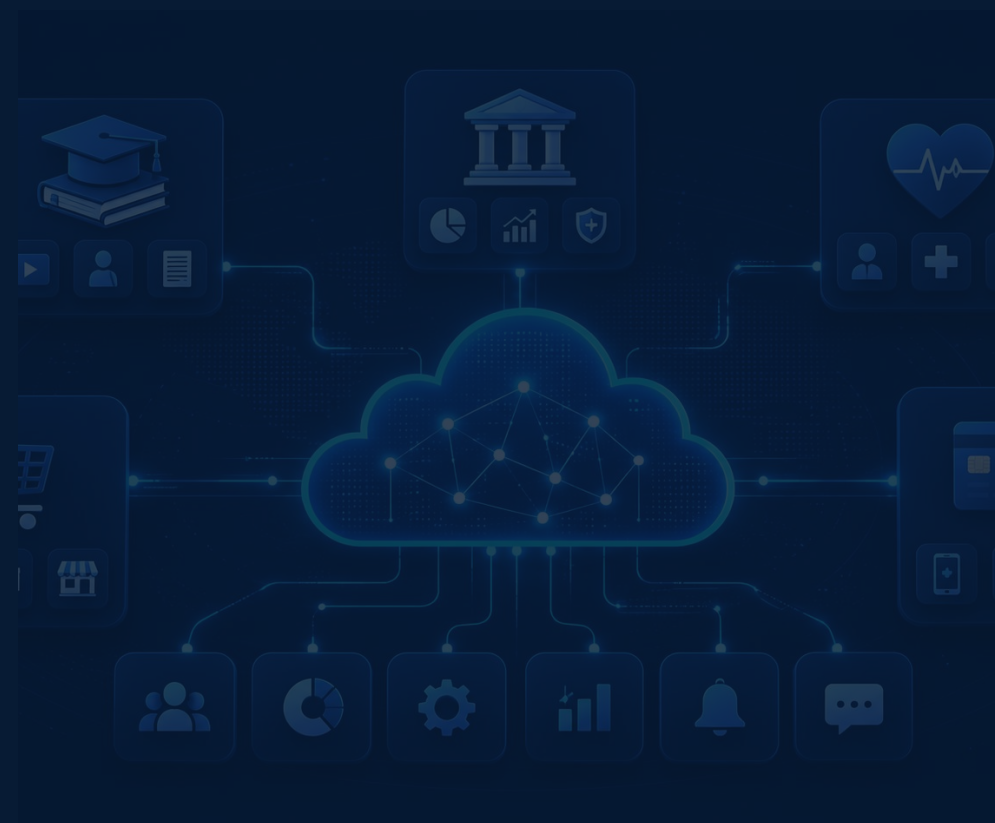
Automated attendance and departure registration.

Instant Follow-up

Attendance, homework, results, and messages.

Complete Management

Students, staff, fees, and reports.



Examitech & Cashappy

Examitech

A modern platform for creating and managing electronic tests and exams, supported by AI for question creation, question banks, automatic grading, and reporting.

Cashappy

An integrated cloud accounting solution that helps organizations manage accounts, customers, suppliers, inventory, invoices, sales, purchases, and financial reports from anywhere.

Digital Economy Platforms

SadadSD

A national e-payment platform designed to support e-commerce through APIs and payment services for applications, online stores, and POS devices.

Majd Al-Dhahab

A digital financial platform backed by real gold as the supporting asset for digital balances.

Tamwenatech & Sehatech

Platforms under development for everyday commerce, medical appointment booking, and electronic payments.

Selected Project

Open Sudan University Portal

Challenge

Provide one main platform used by students, faculty, and administration.

Solution

A comprehensive electronic portal for academic operations with an AI-powered assistant.

Impact

Instant answers, frequent-question analysis, and insights that help improve services.

portal.ous.edu.sd

Industries We Serve

Education

Universities, schools, kindergartens, and electronic exams.

Government

Automation, archiving, financial and administrative systems.

Healthcare

Appointments, clinic operations, and payment integration.

Retail

Sales, inventory, POS, and e-commerce.

Finance

E-payment, wallets, and digital financial platforms.

Companies

Accounting, HR, reports, and dashboards.

Organizations

Customizable solutions and data management.

Startups

Scalable digital platforms for rapid growth.

Delivery Methodology

01

Discover

Understand needs and goals.

02

Design

Model the solution and user journey.

03

Develop

Build securely and scalably.

04

Deploy

Test, train, and launch.

05

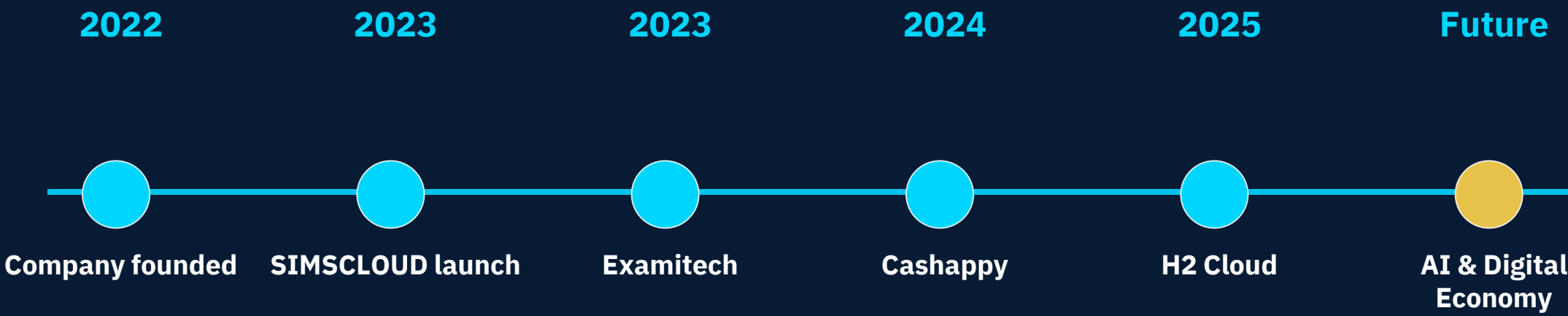
Support

Continuous improvement.

A clear methodology connecting business needs, technical design, and the final user experience.

Roadmap

H2Tech is moving toward a local platform ecosystem powered by cloud and artificial intelligence.



Let's Connect

Your technology partner for digital transformation and smart platforms.

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