



RADING  
TECHNOLOGIES  
LIMITED

# Company Profile

**Credible. Innovative.  
Reliable Technology.**

---



## ABOUT US

Rading Technologies Limited is a Kenyan-incorporated private limited company built on a passion for innovation and precision engineering. Founded by a technically strong team with complementary expertise across software engineering, systems architecture, and product design, we craft exceptional technology solutions that empower businesses to compete, grow, and thrive in the digital economy.

From enterprise web platforms and AI-powered automation to intelligent transportation systems, drone technology, and CCTV AI surveillance, Rading Technologies is positioned as a full-spectrum technology partner for both private enterprises and public institutions across Africa.



# CORE VALUES, MISSION & VISION



## CORE VALUES

### Credibility

Building trust through transparency and accountability in every engagement.

### Innovation

Embracing modern technologies and creative problem solving.

### Reliability

Delivering consistent, dependable solutions and long-term support.

### Excellence

Upholding the highest standards across all our work.

### Customer Focus

Client success is central to everything we do.

## VISION & MISSION



### VISION

To be a trusted technology partner driving digital transformation and sustainable growth across Africa and beyond.



### MISSION

To deliver high quality, innovative and reliable technology solutions that empower our clients to achieve their strategic objectives – on time, within budget, and built to scale.

# SERVICES & SOLUTIONS

A

## CORE SOFTWARE ENGINEERING SERVICES



### Custom Software Development

- Bespoke enterprise applications built from the ground up
- Requirement analysis, architecture design, development, testing, and deployment
- Agile-driven delivery with iterative feedback loops
- Support and maintenance packages post-launch

### Web Application Development

- Full-stack web applications using modern frameworks (Next.js, React, Node.js)
- Responsive, performance-optimized, and SEO-friendly builds
- Progressive Web Apps (PWA) for hybrid desktop/mobile experience
- Corporate websites, e-commerce platforms, and web portals

### Mobile Application Development

- Cross-platform mobile apps (iOS & Android)
- React Native and Flutter development
- Offline-capable and field-ready mobile solutions
- Integration with device hardware (GPS, camera, biometrics)

### API Development & Systems Integration

- RESTful and GraphQL API design and development
- Third-party API integrations (payments, mapping, AI services, SMS)
- Microservices architecture and service mesh configuration

- Legacy system modernization and API-wrapping

### Database Design & Management

- Relational databases: PostgreSQL, MySQL, SQL Server
- NoSQL databases: MongoDB, Firebase, Supabase
- Data modeling, schema design, and optimization
- Database administration, backup, and disaster recovery

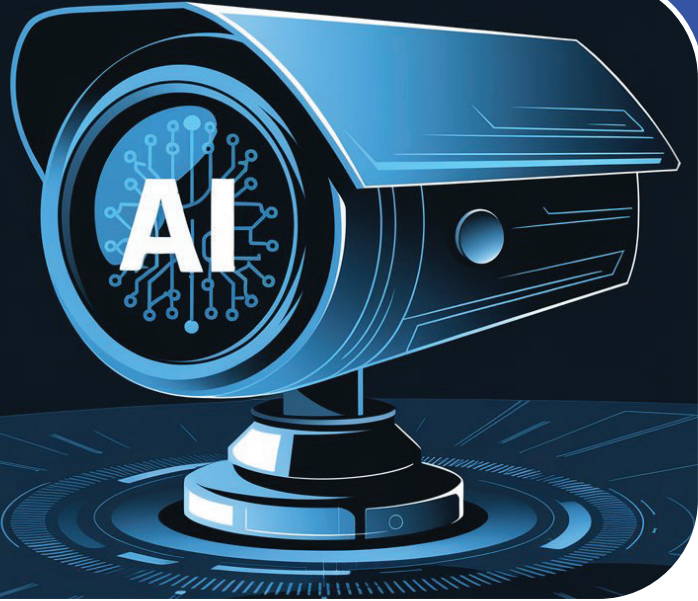
### Cloud Solutions

- Cloud architecture design and migration (AWS, GCP, Azure, Vercel)
- Serverless computing and function-as-a-service (FaaS)
- Cloud cost optimization and performance tuning
- Multi-cloud and hybrid cloud strategies

# SERVICES & SOLUTIONS

B

## STRATEGIC GROWTH AREAS – NEW & EMERGING CAPABILITIES



*These represent Rading Technologies' deliberate expansion into high-impact, high-growth technology domains. These offerings position us at the forefront of Kenya's and Africa's smart infrastructure revolution.*

### Drone Technology Solutions

- Drone mission planning and flight management software
- Real-time aerial data capture and telemetry dashboards
- Geospatial data processing and orthophoto mapping (integration with GIS tools)
- Automated drone inspection systems for infrastructure (pipelines, power lines, roads)
- Agricultural drone applications – crop health monitoring, precision spraying coordination
- Drone swarm coordination software for large-area coverage

### CCTV & AI Surveillance Systems

- AI-powered video analytics software (object detection, behavior analysis, crowd counting)
- Facial recognition and identity verification systems
- License plate recognition (LPR) integration and database matching
- Centralized video management systems (VMS) and control room dashboards
- Real-time alert and incident notification engines

- Integration with Hikvision, Dahua, Axis, and Huawei surveillance hardware ecosystems
- Smart perimeter security and intrusion detection logic
- Cloud-based remote monitoring and archive management solutions
- Privacy-compliant surveillance frameworks aligned with Kenya Data Protection Act

### Autonomous Systems & Robotics Integration

- Software integration for autonomous ground vehicles (AGVs) in warehousing and logistics
- Sensor fusion systems (GPS, IMU, LiDAR, camera) for autonomous navigation
- Edge computing deployments for real-time autonomous decision-making
- Human-Machine Interface (HMI) design for operator control stations
- Digital twin environments for autonomous system simulation and testing
- Systems integration with SCADA and industrial control platforms

# SERVICES & SOLUTIONS

C

## ADDITIONAL SERVICE LINES

*Rading Technologies delivers the following additional services, further extending our capability to serve enterprises, government institutions, and growing businesses across all technology needs*

### Artificial Intelligence & Machine Learning (AI/ML)

- Custom AI model development and fine-tuning for business use cases
- Predictive analytics engines for finance, logistics, and maintenance
- AI-powered sales and lead intelligence platforms (proven with OngukaAI for Green Wells Energies)

### Cybersecurity Services

- Vulnerability assessment and penetration testing (VAPT)
- Security architecture design and review
- Compliance consulting: Kenya Data Protection Act, ISO 27001, PCI-DSS
- Incident response planning and digital forensics support

### Internet of Things (IoT) Solutions

- IoT device firmware and embedded software development
- IoT platform architecture (MQTT, CoAP, edge-to-cloud pipelines)

- Industrial IoT (IIoT) for manufacturing process automation
- Connected agriculture and smart irrigation systems (aligned with M-Shamba partnership)

### Data Analytics & Business Intelligence

- Data warehouse and data lake architecture
- ETL pipeline development and data integration
- Operational analytics for healthcare, finance, and logistics

### IT Consultancy & Digital Transformation

- IT strategy and technology roadmap development
- IT project management and quality assurance
- ERP, CRM & Enterprise Platform Development
- Integration of off-the-shelf platforms (Odoo, ERP-Next) with custom modules

### DevOps & Infrastructure Services

- CI/CD pipeline setup and automation (GitHub Actions, Jenkins, GitLab CI)
- Infrastructure-as-Code (IaC) using Terraform and Ansible
- Containerization and orchestration (Docker, Kubernetes)

# WHY CHOOSE US?



*We are not just a software vendor — we are a long-term technology partner invested in your success. Here is what sets us apart:*



## **Credible & Professionally Structured**

Formally incorporated under Kenya's Companies Act 2015, with a transparent, accountable team structure and documented delivery processes.



## **Full-Stack & Cross-Domain Expertise**

From web and mobile development through to AI, ITS, drone systems, and surveillance — our team covers the full technology spectrum.



## **Africa-Focused, Globally Competitive**

We build solutions specifically designed for African operational contexts — bandwidth constraints, mobile-first users, field environments — using global engineering standards.



## **Innovation-Driven Engineering**

We actively pursue emerging technology areas including AI/ML, autonomous systems, and smart city infrastructure — keeping clients ahead of the curve.



## **Reliable Delivery & Long-Term Support**

We stand behind our work with post-deployment support, maintenance SLAs, and continuous improvement cycles.



## **Scalable by Design**

Every solution we build is architected for growth — from startup MVP to enterprise-grade platform — without costly rebuilds.



## **Client-Centered, Results-Focused**

Our success metric is client outcomes, not project closure. We measure impact — efficiency gains, cost savings, and revenue growth.



## **Strategic Partnership Ecosystem**

Through partnerships with Huawei, NAS Internationals, and PajaliTech Limited, we bring extended capabilities and industry networks to every engagement.

# INDUSTRIES WE SERVE



*Rading Technologies brings cross-sector expertise and the versatility to deliver high-impact solutions across the following industries:*

|  |                                                                                                                                  |
|--|----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Government &amp; Public Sector</b><br>Smart city infrastructure, ITS, CCTV surveillance, public service digitization          |
|  | <b>Financial Services</b><br>Core banking integrations, fintech platforms, data analytics, fraud detection                       |
|  | <b>Healthcare</b><br>Hospital management systems, patient portals, AI diagnostics, telemedicine platforms                        |
|  | <b>Construction &amp; Engineering</b><br>Project management platforms, procurement systems, site safety monitoring               |
|  | <b>Agriculture &amp; AgriTech</b><br>Smart farming platforms, IoT crop monitoring, market linkage systems (M-Shamba partnership) |
|  | <b>Logistics &amp; Transportation</b><br>Fleet management, route optimization, ITS, autonomous vehicle integration               |
|  | <b>Manufacturing &amp; Industry</b><br>IIoT platforms, quality control AI, ERP systems, autonomous assembly integration          |
|  | <b>SMEs &amp; Startups</b><br>Cost-effective custom software, MVP development, CRM, digital transformation advisory              |



## SELECTED PROJECTS

*The following engagements demonstrate Rading Technologies' ability to deliver high-impact, production-grade technology solutions across diverse sectors and complexity levels.*

### 1. OngukaAI – Unified Sales Outreach & Intelligence Platform

**Client:** Green Wells Energies

**Category:** AI Platform / Sales Automation / Data Intelligence

#### Overview

OngukaAI is a unified AI-powered sales outreach and intelligence platform designed to automate lead processing, document intelligence, and end-to-end sales workflows – built as a proprietary in-house alternative to third-party tools like Reply.io.

#### Key Capabilities / Deliverables

- AI-driven document ingestion and processing (PDF, DOCX, XLSX, CSV, TXT)
- Automated data chunking and storage in a serverless PostgreSQL database (Neon/-Supabase)
- Extraction of structured contact and

business intelligence using AI models (OpenRouter AI)

- Custom-built unified sales outreach system with full data ownership
- End-to-end control of outreach workflows and automation
- Technology Stack: Next.js / Remix, React, TypeScript, Node.js, Tailwind CSS, Neon PostgreSQL, Supabase, OpenRouter AI – deployed on Vercel

#### Business Value

- Reduced dependency on expensive third-party sales tools
- Improved lead qualification accuracy and data quality
- Scalable AI-driven sales intelligence owned entirely by the client

# SELECTED PROJECTS



## 2. NAS International – Corporate Website Development

**Client:** NAS International

**Category:** Corporate Website

### Overview

Design and development of a professional, high-credibility corporate website for NAS International to establish a strong online presence and clearly communicate the company's services, values, and capabilities to global stakeholders.

### Key Capabilities / Deliverables

- Responsive corporate website built for all device types

- Clean, professional UI/UX with performance optimization
- SEO-optimized architecture for maximum discoverability
- Clear service presentation aligned with brand identity

### Business Value

- Enhanced brand credibility and professional digital presence
- Improved visibility and accessibility for clients and partners globally

## 3. Tutorvic.com – Writing & Content Platform

**Client:** Tutorvic

**Category:** Content / Writing Platform (Web Application)

### Overview

Development of a full-featured online writing and content management platform tailored for Tutorvic, enabling structured content creation, editorial workflow management, and scalable content publishing.

### Key Capabilities / Deliverables

- Comprehensive writing and content management functionality

- Role-based access: writers, editors, and administrators
- User-friendly, intuitive interface designed for non-technical users
- Scalable platform architecture supporting content growth

### Business Value

- Streamlined and centralized content operations
- Eliminated manual publishing bottlenecks
- Professional content workflow supporting business scale

# TEAM & LEADERSHIP



*Rading Technologies is led by a technically strong, execution-oriented team with complementary expertise across software engineering, systems architecture, product design, and visual communication. Our lean, specialized team structure ensures accountability, speed, and quality across every engagement.*

|                                    |                              |
|------------------------------------|------------------------------|
| <b>Justus Oguna</b>                | <b>Project Manager</b>       |
| <b>Nathan George</b>               | <b>Software Engineer</b>     |
| <b>Trevor Joseph Antony Omondi</b> | <b>Software Engineer</b>     |
| <b>Victor Kiarie Muiruri</b>       | <b>Software Engineer</b>     |
| <b>Elizabeth Akinyi Odhiambo</b>   | <b>Software Engineer</b>     |
| <b>Felix Rading</b>                | <b>Software Engineer/CEO</b> |



No. **PVT-KAUDJG69**

## **CERTIFICATE OF INCORPORATION**

I hereby **CERTIFY** that,

### **RADING TECHNOLOGIES LIMITED**

is on this date 6 Sep 2025 Incorporated under the Companies Act, 2015 and that the Company is a **PRIVATE LIMITED COMPANY**.



.....  
**Registrar Of Companies**

This is a system generated certificate. To validate this document send the word **BRS** to **21546**

# CONTACT US

---

 +254 747 414 5502

 support@radingtechnologies.co.ke

 radingtechnologies.co.ke

