CORPORATE & PUBLIC-SECTOR PROCUREMENT DOCUMENT

Company Capability Statement

Heartbeat Systems and Consulting | Reg. No: 2020/516930/07 | Centurion, South Africa

HEARTBEAT SYSTEMS CONSULTING

EXECUTIVE SUMMARY

Heartbeat Systems and Consulting (Reg. No: 2020/516930/07) is a registered South African software engineering, systems integration and IT consulting company established in 2020. We engineer custom enterprise applications, secure REST APIs, event-driven distributed backend systems and automated cloud deployments for commercial and public-sector organisations across South Africa, Africa and international markets.

Core Competencies & Strategic Service Pillars

1. Enterprise Software Development

- Custom enterprise web & business management systems
- Workflow automation & business process digitisation
- Legacy system modernisation & backend engineering

2. Systems Integration & API Engineering

- REST API development, API gateways & custom proxies
- Middleware & microservices integration
- Secure third-party & enterprise system interoperability

3. Backend & Distributed Systems

- Java (Spring Boot) & C# (.NET) enterprise backends
- Microservices & distributed system architectures
- Apache Kafka & Amazon SQS event-driven processing

4. Cloud, DevOps & IT Consulting

- AWS cloud deployment & Docker containerisation
- GitHub Actions CI/CD, ArgoCD & GitOps automation
- Architecture advisory, technical audits & SLA support

Technical Capability Matrix

Technical Category	Technologies & Platforms	Operational Capability
Languages & Frameworks	Java, Spring Boot, C#, .NET, JavaScript, Angular, Blazor	Full-stack enterprise web & backend engineering
Databases	PostgreSQL, Microsoft SQL Server	Transactional data modelling, querying & tuning
Event & Queue Messaging	Apache Kafka, Amazon SQS	Asynchronous processing & high-volume event streams
Cloud & DevOps	AWS, Docker, GitHub Actions, ArgoCD, GitOps	Containerised cloud hosting & automated CI/CD release
Architecture Patterns	Microservices, REST APIs, Event-Driven, Distributed	Modular, fault-tolerant enterprise system design

Industry Coverage, Experience & Procurement

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Target Industry Sectors & Solutions

Banking & FinTech

Financial backends, payment & voucher integrations, transaction processing and secure API gateways.

Government & Public Sector

Municipal management software, HR management systems, administrative portals and workflow digitisation.

Healthcare

Healthcare & medical scheme administration systems, provider integrations and clinical/admin workflows.

Retail & E-Commerce

Online ordering platforms, e-commerce backends, payment gateway integrations and order management.

Logistics & Fleet

Fleet management platforms, operational tracking, CRM systems, data integration and reporting automation.

Corporate & SMEs

Custom line-of-business software, legacy modernisation, process automation and IT consulting.

Founder Expertise & Industry Experience

Heartbeat Systems and Consulting's delivery capability is grounded in its founder's professional software engineering experience across enterprise project environments (completed via previous employers or contracting engagements):

- **Financial Technology:** Capitec-related financial technology work (backend services, payment & voucher services, Java/Spring Boot, REST APIs, Kafka).
- **Local Government Administration:** SALGA-related municipal HR and administration software systems.
- **Healthcare Administration:** Agility Healthcare and Sizwe Hosmed-related healthcare administration applications and integrations.
- **Commercial Systems:** Fleet management & CRM platforms, e-commerce applications, online ordering portals and production application support.

Note: Prior employer/contracting project environments are cited to demonstrate founder technical experience and do not represent those organisations as direct clients of Heartbeat Systems and Consulting.

Verified Corporate Details

Registered Name	Heartbeat Systems and Consulting
Registration No.	2020/516930/07 (Established 2020)
Headquarters	Centurion, Gauteng, South Africa
Telephone	063 144 2166
Email	joestax@icloud.com
Website	https://www.heartbeatsystems.co.za

Procurement Documentation Checklist

Company Registration (2020/516930/07)	**Verified**
CIPC Registration Certificate	*To Confirm / Supply*
SARS Tax Compliance PIN	*To Confirm / Supply*
B-BBEE Certificate / Sworn Affidavit	*To Confirm / Supply*
Central Supplier Database (CSD)	*To Confirm / Supply*
VAT Registration & Bank Confirmation	*To Confirm / Supply*