SPUTNIK DEVS STUDIO (PTY) LTD

SPUTNIK DEVS ACADEMY™ • WORK-INTEGRATED LEARNING & SOFTWARE ENGINEERING DIVISION

CIPC Reg No: 2026/449455/07 • SARS Tax Ref: 9896479194 • Registered Office: 292 Surrey Ave, Ferndale, Randburg, Johannesburg, 2194

• CRYPTOGRAPHICALLY VERIFIED CREDENTIAL

CERTIFICATE ID: SD-WIL-2026-SPECIMEN

TRANSCRIPT REF: SD-TR-2026-SPECIMEN • ISSUED: 26 Oct 2026

BY AUTHORITY OF THE BOARD OF DIRECTORS & ENGINEERING FACULTY

Certificate of Engineering Completion

This is to certify that the candidate named below has satisfactorily completed all supervised Work-Integrated Learning (WIL) software engineering deliverables & oral code defenses:

Thabo Ndlovu (Reference Specimen)

Student / Reg No: WIL-SPECIMEN-2026 • Academic Institution: Accredited Higher Education Institution (Specimen) • Qualification: BSc in Information Technology (Software Engineering)

Primary Specialization: Backend & Cloud API Engineering (.NET 10 & PostgreSQL)

+ Cross-Track: Database Administration & Data Engineering (SQL & ETL)

3-Month Technical Learnership (480 Hours)

Awarded with Executive Distinction for completing 480 notional hours of production-aligned software engineering, passing 24 GitHub pull request reviews, and defending all architectural milestones before the Sputnik Devs Engineering Board.

SUPERVISED WIL HOURS	PLACEMENT TENURE	PRODUCTION PULL REQUESTS	WEIGHTED RUBRIC SCORE	FINAL CLASSIFICATION
480 Verified Hours	26 Jul 2026 – 26 Oct 2026	24 Merged PRs	90.8%	PASSED WITH DISTINCTION

Takudzwa Mupanesure
CEO & Chief Technical Architect
CIPC Executive Director • Reg: 2026/449455/07

SPUTNIK DEVS STUDIO (PTY) LTD — OFFICIAL SEAL — CIPC REG: 2026/449455/07 • SARS

Kenneth Takudzwa Katsande
Co-Founder & Director of Operations
CIPC Executive Director • WIL Cohort Operations

VERIFY CREDENTIAL LIVE
Cryptographic registry lookup: sputnikdevs.com/academy/verify
ID: SD-WIL-2026-SPECIMEN

HMAC-SHA256 SEAL: BB00E5A90FA10223F236787278C1C0A4 | CIPC REG: 2026/449455/07 • SARS TAX: 9896479194 • 292 SURREY AVE, FERNDALE, RANDBURG, 2194 | TRANSCRIPT REF: SD-TR-2026-SPECIMEN

SPUTNIK DEVS STUDIO (PTY) LTD

OFFICIAL WORK-INTEGRATED LEARNING (WIL) ACADEMIC & ENGINEERING TRANSCRIPT

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LINKED CERT: SD-WIL-2026-SPECIMEN
DATE ISSUED: 26 October 2026

01 • CANDIDATE & ACADEMIC INSTITUTION REGISTRY RECORD

NQF WIL PORTFOLIO VERIFIED

CANDIDATE FULL NAME **Thabo Ndlovu (Reference Specimen)**	STUDENT / REG NUMBER **WIL-SPECIMEN-2026**	ACADEMIC INSTITUTION **Accredited Higher Education Institution (Specimen)**	ACADEMIC QUALIFICATION **BSc in Information Technology (Software Engineering)**
PRIMARY ENGINEERING TRACK **Backend & Cloud API Engineering (.NET 10 & PostgreSQL)**	PLACEMENT STRUCTURE **3-Month Technical Learnership (480 Hours)**	ENROLLMENT PERIOD **26 Jul 2026 – 26 Oct 2026**	TOTAL SUPERVISED HOURS **480 Verified Hours (24 PRs)**

02 • 4-PILLAR SOFTWARE ENGINEERING COMPETENCY EVALUATION

WEIGHTED INDUSTRY RUBRIC

Pillar I: Software Architecture, Clean Code & Testing (30%) — 91.0%
Domain isolation, SOLID principles, DTO contracts, error handling & automated unit/integration test coverage.

Pillar II: Technical Comprehension & Daily Oral Defense (25%) — 89.0%
Ability to explain line-by-line architectural trade-offs and defend submitted code live during standup.

Pillar III: Git Flow Hygiene, CI/CD & Peer Code Review (20%) — 94.0%
Feature branching, atomic commits, green GitHub Actions builds, and constructive peer PR reviews.

Pillar IV: Agile Standup Discipline & Remote Professionalism (25%) — 90.0%
09:00 SAST daily standup punctuality, structured blocker escalation, and WIL logbook compliance.

03 • COMPLETED PRACTICAL ENGINEERING SYLLABUS & DELIVERABLES

PRODUCTION MONOREPO ARTIFACTS

MODULE CODE	MODULE TITLE & VERIFIED PRACTICAL DELIVERABLES	CREDIT HOURS	MARK (%)	CLASSIFICATION
SD-DB-101	**Relational Schema Architecture, 3NF Modeling & Constraints** PostgreSQL 16 DDL Migrations, ERD & Foreign Key Integrity	36 hrs	91.0%	DISTINCTION (A)
SD-DB-102	**Query Optimization, B-Tree Indexing & EXPLAIN ANALYZE** Composite Indexes, Materialized Views & Latency Benchmarks	40 hrs	89.0%	DISTINCTION (A)
SD-DB-103	**Stored Procedures, Audit Triggers & Transactional Ledgers** PL/pgSQL Triggers, ACID Financial Invariants & Rollback Guards	40 hrs	94.0%	DISTINCTION (A)
SD-DB-104	**Bulk CSV ETL Pipelines, Backup Recovery & Oral Defense** Idempotent Seeding, pg_dump Recovery & Capstone Defense	36 hrs	90.0%	DISTINCTION (A)
SD-WIL-201	**Stage 2A: Secondary Specialization Rotation (Database Administration & Data Engineering (SQL & ETL))** 19-Day Cross-Skilling Sprint, API-to-UI Wiring & Schema Integration	160 hrs	91.0%	DISTINCTION (A)
SD-WIL-202	**Stage 2B: Multi-Disciplinary Pod Capstone & Live Staging UAT** End-to-End Pod Feature Delivery, Regression Auditing & Defect Triage	168 hrs	94.0%	DISTINCTION (A)

CUMULATIVE WIL ASSESSMENT OUTCOME & REGISTRAR DETERMINATION
Grading Scale: Distinction (80–100%) • Merit (70–79%) • Competent (60–69%) • Not Yet Competent (<60%)

90.8% **PASSED WITH DISTINCTION**

Takudzwa Mupanesure
CEO & Chief Technical Architect
CIPC Executive Director • 2026/449455/07

2026/449455/07

Kenneth Takudzwa Katsande
Co-Founder & Director of Operations
CIPC Executive Director • WIL Operations

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