

LWAZI NXUMALO

JUNIOR BACKEND DEVELOPER | PYTHON/DJANGO & JAVA/SPRING

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PROFILE

- Junior fullstack developer with production experience deploying and maintaining Python/Django web applications and cloud infrastructure across AWS and Oracle Cloud.
- Deepening enterprise Java/Spring skills to complement a Django-first backend foundation, backed by Meta Back-End Developer and IBM Java Developer Professional Certifications.
- Seeking a junior backend developer role, bringing a design-first engineering approach: structural simplicity, explicit configuration, RESTful API construction, and systems built for high-compliance environments.

TECHNICAL SKILLS

Languages & Frameworks:	Python (Django, Django REST Framework), Java (Spring in active transition), JavaScript, HTML/CSS, PHP basics
Data & Databases:	Relational database modelling (ERDs), SQL query optimisation, ORM implementation (Django ORM, Hibernate), data integrity constraints & migrations
Testing:	Django TestCase & DRF APITestCase (23 passing automated tests on Little Lemon), test-driven debugging
Infrastructure & DevOps:	Docker containerisation, multi-stage builds, environment isolation, AWS (Compute, Storage, Networking, Security, Serverless), Oracle Cloud Infrastructure, Linux, Git/GitHub
Architecture:	MVC & server-side rendering, RESTful API design and routing, asynchronous processing, microservice fundamentals
Other Capabilities:	Jira, Zendesk, Google Workspace Admin, Slack, Okta basics, stakeholder communication, technical documentation

FEATURED PROJECTS

Gaming Currency Transfer Ledger (Personal Project)

JAVA • SPRING BOOT • POSTGRESQL • GIT

IN PROGRESS

- Designing a four-project transactional system sequence including a loan application tracker, TDD/design-pattern application, NoSQL audit log, and Spring Cloud microservices.
- Scoping all application components with full SRS/URS specifications prior to code implementation.

Smart Clinic Management System — IBM Capstone

JAVA • SPRING BOOT • RAILWAY • GIT

LIVE SINCE JULY 2026 (8 CI/CD DEPLOYS)

- Delivered a modular clinic management system across 5 relational entities and 19 REST endpoints, with environment configuration, service-layer separation, and data-access modules.
- Currently diagnosing and resolving elevated latency (~5s) on a relational-heavy endpoint; profiling points to N+1 query patterns and missing FK indexes as primary suspects, with JPA eager-fetch strategies and connection pool tuning under evaluation.

Little Lemon – Restaurant Backend & API Platform — Meta Capstone

PYTHON • DJANGO • DRF • RENDER • GIT

LIVE SINCE JULY 2026 (3 DEPLOYS)

- Built a full restaurant backend across 2 relational models with 4 CRUD endpoints and token-based authentication.
- Backed by 23 passing automated tests; warm-instance response time averages ~245ms.

PROFESSIONAL EXPERIENCE

Lead Developer – Gig-Matching Platform (Independent Project)

DJANGO • POSTGRESQL • REST API • REMOTE

2025 – PRESENT

- Leading backend development of an on-demand domestic service dispatch platform, covering relational data modelling, real-time provider matching logic, and RESTful API design.
- Own the relational schema and business logic layer, prioritising database normalisation and referential integrity constraints.

Cloud & Web Contractor – Speed Connect (now MSG Telecoms)

LINUX • FRONTEND DESIGN • REMOTE

MAR 2023 – MAY 2023

- Maintained and updated corporate web infrastructure while translating complex technical updates for non-technical stakeholders.
- Gained deep operational insight into enterprise networking pipelines, system workflows, and distributed operations.

Cloud & Web Contractor – Glam-Luk

AWS • EC2 • S3 • WORDPRESS • REMOTE

JUL 2022 – PRESENT

- Delivered cloud-deployed WordPress solutions matching strict UI/UX guidelines and high-performance requirements.
- Successfully optimized host infrastructure costs by migrating legacy structures to standalone AWS EC2 instances backed with automated S3 storage backups.

CERTIFICATIONS & EDUCATION

Meta Back-End Developer Professional Certificate	Coursera
IBM Java Developer Professional Certificate	Coursera
Oracle Cloud Infrastructure Foundations & Oracle Solutions Architect	Oracle University
AWS Educate: CloudOps, Compute, Databases, Networking, Security, Serverless, Storage	AWS Educate
Web Design Certification	University of Cape Town
Technical High School Diploma (2016–2020)	George Campbell School of Technology

REFERENCES

Qhakaza Mhlongo Founder, Glam-Luk  071 076 0012	Imraan Motala Founder, MSG Telecoms  071 842 3149
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