

LESLEY NGCOBO

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PROFILE

Full-Stack Software Engineer with hands-on experience building and deploying production-ready web applications using Angular and ASP.NET Core. Strong foundation in RESTful API design, authentication and authorization, responsive UI development, and cloud-based deployment. Interested in scalable system design and data-aware applications.

EDUCATION

Nelson Mandela University

2022 - 2025

Bachelor of Information Technology

Course completed; degree awaiting formal conferral (in April 2026)

PROJECTS

Madiba HealthConnect

[View on GitHub](#)

- Built a full-stack healthcare system with 3 user roles and 10+ core features including scheduling
- Developed an ASP.NET Core REST API with 15+ endpoints, JWT authentication, and RBAC
- Implemented a responsive Angular UI using reactive forms, route guards, and HTTP interceptors
- Deployed a production-ready application using version-controlled CI/CD workflows.

Angular

TypeScript

ASP.NET Core

Entity Framework Core

SQL Server

JWT Authentication

PropertyQuest

[View on GitHub](#)

- Built a responsive Angular platform supporting multi-city property search for rent and sale listings
- Implemented RxJS-based reactive search and filtering across multiple filter combinations
- Designed a mobile-first UI using SCSS and component-based Angular architecture
- Structured the application for scalability using clean separation of components and services.

Angular

TypeScript

SCSS

RxJS

SkillsBridge – Awarded 3rd Place at the Telkom 10 Hackathon (Gqeberha)

[View Live](#)

- Awarded 3rd Place at the Telkom 10X Hackathon for an education access platform
- Built FastAPI REST APIs aggregating 100+ courses and bursary listings from public sources
- Implemented real-time web scraping with pagination, rate limiting, and error recovery
- Deployed production APIs to Render with automated builds, monitoring, and health checks.

FastAPI

Python

REST APIs

Web Scraping

BeautifulSoup

Render

Swagger

SKILLS

Programming Languages: C#, TypeScript, Python, Java, R, HTML & CSS

Frameworks: Angular, ASP.NET Core, FastAPI

Technologies: GitHub, Entity Framework Core, Docker, Visual Studio, Visual Studio Code, RStudio, Vercel, MySQL, SQL Server, SSMS