

ISHMAIL T MGWENA RESUME

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OBJECTIVE

I am passionate about creating clean, efficient, and user-friendly applications. Eager to contribute to impactful projects while expanding technical expertise.

EDUCATION

National Senior Certificate (Grade 12) Completed: Dec 2012

Advanced Diploma: Info and Communication Technology Completed: Dec 2023
Cape University of Technology (Click [here](#) and [here](#) for transcripts)

PROJECTS AND TECHNICAL SKILLS ([MY Portfolio](#))

BOOK NETWORK

The Book Network project is a mono repo full-stack application that I am building as a book enthusiast. It offers features such as user registration, secure email validation, and book management. The project demonstrates the following skills:

- Spring Boot 3 Spring Security 6 JWT Token Authentication Spring Data JPA
- JSR-303 and Spring Validation OpenAPI and Swagger UI Documentation Docker
- Angular Component-Based Architecture Lazy Loading Bootstrap

PayPal Integration with Spring Boot

This project demonstrates integration with PayPal's REST API (sandbox environment) using Spring Boot. The application includes functionalities for generating an access token, creating payment requests, and handling payment redirection.

- RestTemplate: HTTP client for REST API calls.
- Jackson ObjectMapper: For JSON processing.

My-UnitTest-Project

This project contains a Spring Boot application with comprehensive unit tests for managing student data. The tests ensure robust functionality for both the repository (database operations) and service (business logic) layers

- JUnit 5 (Jupiter): Testing framework. Mockito: Mocking library. AssertJ: Fluent assertions.

EXPERIENCE

Software Development Intern

Cape Peninsula University of Technology - BankSeta intern 06/2022 – 12/2022

- Responsible for using software development processes in developing the CPUT Graduate Recruitment Portal Application.

L1 Software Support Analyst

Canvas LMS - Construct Education 12/2022 – 10/2024

- Provided Level 1 software support for Canvas LMS applications, resolving over 90% of reported issues within SLAs.

Software Development Intern

Profas Technology (PTY) LTD - MICTSETA internship

06/2023 – 06/2024

- Collaborated within a team to develop and deploy software solutions tailored to client specifications, adhering to Agile methodologies.

References

- **Cape Peninsula University of Technology-BankSeta intern:** Curtis Pietersen (PietersenCJ@cput.ac.za)
- **Canvas LMS-Construct Education:** Aroona Anderson (+27(0)21 286 1733)
- **Profas Technology (PTY) LTD:** Francios Fillis (+27(0) 73 1915 852)