

THEODORE LUKE NELSON



Pretoria, Gauteng



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<https://cv.theodorenelson.co.za>

Summary

I am a dedicated and detail-oriented software developer with a strong foundation in designing, building, and maintaining scalable and efficient software solutions. With a passion for clean code and problem-solving, I thrive in collaborative environments and enjoy turning complex challenges into elegant, user-focused applications. Proficient in a range of modern programming languages, frameworks, and tools, I'm always eager to learn new technologies and contribute to meaningful projects that make a difference.

Competencies

- Team collaboration
 - Communication
 - Problem-solving
 - Fast learner
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Projects

- Winter School Booking App

Java | MySQL | JPA

Developed a full-stack booking system for winter school sessions. Implemented RESTful endpoints, database models, and UI using features for user registration, booking sessions, and admin management.

- POS App (Point of Sale)

Java | Swing | JDBC | MySQL

Designed a desktop-based Point of Sale system with Java Swing. Built functionality for item management, transaction recording, and user authentication. Connected backend to MySQL using JDBC.

- Community App

Java | Spring Boot | JPA | MySQL

Created a backend system to manage community services and users. Used Spring Boot and JPA for entity management and API endpoints. Included layered architecture and validation.

- Fish and Chips Ordering System

Java | Swing | Object-Oriented Programming

Console/Swing-based system for placing and managing fish and chips orders. Focused on OOP principles, menu selection logic, and user interaction handling.

- User Registration Web App

Java | Spring boot | React | HTML\CSS

A full-stack web application that allows users to register, view, and manage their accounts.

- Piketberg Gardening App

Android | Java

Developed a mobile task-tracking application for estate gardening teams. Focused on clear weekly scheduling, task assignment, and completion tracking to improve team coordination and accountability.

- Inventory Management App

Next.js | Supabase | PostgreSQL | Tailwind CSS | Vercel

Designed, built, and deployed a full-stack, multi-user inventory management web application for small businesses and client portals. Implemented authentication, role-based access, real-time data handling, and responsive UI, with cloud deployment via Vercel.

Education

- System Development (NQF 6)
Boston City Campus – Jan 2022 to Dec 2024
Focus: Java, Databases, Web Services, Software Engineering
- System Support (NQF 5)
Dept. of Higher Education and Training – Jan 2017 to Dec 2017
- Microsoft Certified Technology Specialist (MCTS)
Torque IT – Jan 2012 to Dec 2012

Matric (2006)

Pretoria Technical High School

Work Experience

Regional IT Technician

Shoprite/Checkers – Jul 2015 to Aug 2017

- Supported multiple retail branches across Gauteng
- Troubleshoot hardware, network, and OS issues
- Configured LAN/WAN setups and supported VPN tools

First Line Application Support

NetsurIT – Jun 2013 to Jun 2015

- Provided IT service desk and backup support
- Administered users, servers, and OS reloads
- Managed SharePoint, antivirus, and patch processes

IT Support Technician

Adcock Ingram – Sept 2017 to Dec 2019

- Provided first and second-level support for business applications, troubleshooting

incidents and resolving technical issues within agreed SLAs.

- Monitored application performance, availability, and reliability to ensure minimal downtime.
- Investigated and resolved user-reported issues by analyzing logs, databases, and system configurations.

Freelance Web Developer

Teodor Web Solutions – Jan 2025 to Current

References

Stanford Pataka – Colleague at NetsurIT – +27 63 949 6078

Vijay Pema – Manager at Shoprite – +27 82 959 9592

Mbekezelli Mahlangu – Manager Adcock Ingram - +27 72 582 9102