

# THEODORE LUKE NELSON

-  Pretoria, Gauteng
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## 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.*

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## 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.

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## 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*

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## 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

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#### References

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

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

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