

Theodore Nelson

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Junior Java Developer | Backend Developer | Spring Boot | SQL

Profile

Junior Java/backend developer based in Pretoria, seeking a team role where I can contribute to Java, Spring Boot, SQL, REST API, CRUD, and debugging work under experienced engineers. I have an NQF 6 System Development qualification and several reviewable projects that show backend logic, relational data, authentication, forms, and deployment. I am looking for the right junior opportunity to learn from senior engineers, contribute reliably, and grow in a professional software team.

Technical Skills

Primary: Java, Spring Boot, REST APIs, SQL, MySQL, PostgreSQL, Git, GitHub

Backend: JPA, JDBC, validation, authentication flows, CRUD modules, relational schema design, business logic

Frontend and mobile: HTML, CSS, JavaScript, React, Next.js, Android, Swing

Tools and delivery: Render, Vercel, basic hosting, SSL, CSV import, debugging, documentation, deployment support

Work Experience

 **Teodor Dev Tech / Self-Led Software Projects** **2022 - Present**
Pretoria, South Africa


Junior Java and Web Developer

- Built self-led and small-client projects to practise real software delivery beyond coursework, with source code and live demos available for review.
- Implemented Java/Spring Boot backend features including authentication flows, CRUD modules, validation, reporting screens, and SQL-backed data models.
- Worked with MySQL and PostgreSQL to design tables, relationships, user roles, and record-management workflows for practical business systems.
- Built supporting web, Android, and desktop interfaces using React, Next.js, Java Android, Swing, HTML, CSS, and JavaScript.
- Handled GitHub version control, deployment support, troubleshooting, and iteration while learning to write clearer, more maintainable project code.

 **Adcock Ingram** **2018 - 2022**
South Africa

IT Technician

- Provided end-user IT support, troubleshooting hardware, software, network, printer, and access-related issues.
- Supported workstation setup, maintenance, incident resolution, and reliable day-to-day IT operations.
- Worked with business users to resolve technical issues clearly, professionally, and within support expectations.

 **Shoprite / Checkers** **2015 - 2018**
South Africa

IT Technician

- Delivered technical support for retail IT environments, including user devices, peripherals, and operational systems.
- Assisted with issue diagnosis, equipment readiness, and practical support for business-critical store and office workflows.
- Built strong troubleshooting habits in a fast-paced environment where uptime and clear communication mattered.

 **Netsurit** **2012 - 2015**
South Africa

IT Technician

- Supported managed IT service work across desktop support, user assistance, basic networking, and technical troubleshooting.
- Helped resolve incidents, maintain equipment, and support clients with practical, service-focused IT assistance.
- Developed a foundation in support processes, documentation, and professional communication with users and teams.

Education

Boston City Campus

2022 - 2024

System Development (NQF 6)

Pretoria, South Africa

- Covered Java, databases, web services, SDLC concepts, application design, and software development fundamentals.

Department of Higher Education and Training

Jan 2017 - Dec 2017

System Support

Pretoria, South Africa

Torque IT

Jan 2012 - Dec 2012

Microsoft Certified IT Professional

Pretoria, South Africa

Selected Project Proof

- **Business Operations Hub:** Java, Spring Boot, PostgreSQL, Render. Built a backend-focused operations dashboard with login, role-based access, lead capture, CSV import, invoice tracking, admin reporting, and SQL-backed workflows. Reviewer focus: Spring Boot controllers/services, PostgreSQL data model, authentication flow, CRUD/reporting features, deployment.
Live: integration-tfga.onrender.com/login
- **Church Management System:** Java, Spring, JPA, MySQL. Developed a member and ministry administration system for records, attendance, reporting, and replacing spreadsheet-heavy workflows. Reviewer focus: JPA entities, MySQL relationships, CRUD screens, reporting workflow, practical business rules.
Live: church-management-system-2-jywe.onrender.com
- **Desktop Point of Sale:** Java, Swing, JDBC, MySQL. Created an offline POS application covering product management, cart handling, transaction flow, persistence, and Windows installer packaging. Reviewer focus: Java UI flow, JDBC persistence, transaction handling, packaging, and end-to-end desktop delivery.
Installer: github.com/theo117/POS-App-v1

Awards and Certificates

- System Development, Boston City Campus
- System Support, Department of Higher Education and Training
- Microsoft Certified IT Professional, Torque IT