

# JACKSON MAHLOTLE KHUTO

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## Career Objective

Ambitious and detail-oriented **BSc Information Technology graduate** eager to join the **Transnet Young Professional-in-Training Programme** to apply my analytical, technical, and problem-solving skills in a structured and growth-oriented environment. I am passionate about innovation, digital transformation, and contributing to the efficiency and modernization of South Africa's logistics and freight operations.

## Education

### Bachelor of Science in Information Technology

North-West University, Vanderbijlpark — *Completed 2024*

- Coursework: Software Engineering, Databases, Cybersecurity, Business Systems, Strategic Management, and Data Analytics.
- Completed multiple practical projects focusing on system design, process automation, and data management.

### National Senior Certificate

Dinao Secondary School, Lebowakgomo — *Completed 2020*

# Experience

## Junior Software Developer Intern – Bluu Car Rental

Kempton Park | Feb 2025 – Jul 2025

- Designed and optimized business applications using **C#, ASP.NET Core**, and **React.js**.
- Developed and integrated **RESTful APIs** to streamline internal reporting and improve data flow.
- Collaborated with multi-disciplinary teams to implement process improvements across departments.
- Participated in **Agile sprints**, contributing to system upgrades and UI/UX improvements.
- Enhanced productivity by developing reusable components and improving data management efficiency.

### Key Achievement:

Successfully delivered an internal dashboard that reduced reporting turnaround time by 30%, improving decision-making across operations.

# Projects (Academic & Personal)

## 1. Business Analytics & Invoicing Platform

- Built a data-driven invoicing system with **React.js** and **ASP.NET Core**, using **SQL Server** for transaction analytics.
- Implemented real-time dashboards and automated report generation to assist business decisions.

## 2. Task Management API

- Designed a secure **REST API** using **Node.js** and **Express**, supporting JWT authentication and role-based access.
- Enabled efficient team collaboration and task tracking aligned with project management principles.

## 3. Student Information System

- Created a database-driven web app using **PostgreSQL** and **React.js** for academic record management.
- Focused on data integrity, scalability, and user-friendly design.

## Technical Skills

**Programming Languages:** Python, C#, JavaScript, Java, SQL

**Frameworks & Tools:** ASP.NET Core, React.js, Node.js, Git, Visual Studio, VS Code

**Databases:** SQL Server, PostgreSQL, MySQL

**Core Competencies:** Data Analysis, Process Optimization, System Design, Agile Collaboration, Reporting Automation

## Certifications

- JavaScript Algorithms & Data Structures – freeCodeCamp
- Data Analytics Using Excel – Great Learning
- Introduction to REST APIs – Great Learning
- CompTIA A+ and N+ (In Progress)

## Soft Skills

- Strong analytical and problem-solving mindset
- Excellent written and verbal communication
- Collaborative team player with attention to detail
- Highly adaptable and resilient in dynamic environments
- Eager to learn and contribute to organizational growth

## References

Available upon request.