

# Xolani Masimbe *Junior Software Developer*

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 0612773329

 Adderley Street Foreshore Cape Town 8001

 Xolani Masimbe

 XolaniMasimbe1

## Profile

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Application Development student at CPUT with a robust foundation in full-stack concepts. Core proficiency in Java, Python, JavaScript, and SQL demonstrated through hands-on project work. Highly motivated and dedicated to continuous skill expansion, I am eager to leverage my technical expertise to immediately contribute to innovative development challenges in a professional setting.

## Education

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2015 – 2020

### **National Senior Certificate**

*Ivory Park Secondary School*

Successfully achieved the National Senior Certificate (Matric) from Ivory Park Secondary School. This academic phase demonstrates a strong foundation in discipline, time management, and commitment—qualities essential for succeeding in the Application Development field.

01/2022 – 12/2022

### **Hc Infomation Technology**

*Cape Peninsula University Of Technology* 

Completed a focused, one-year program providing a foundational understanding of IT principles and fundamental programming logic. Served as a crucial stepping stone, demonstrating early commitment and preparation for the Application Development course.

01/2023 – Present

### **Dip ICT Application Development**

*Cape Peninsula University Of Technology* 

Intensively applying core software engineering principles in Java, Python, and and JavaScript environments to deliver robust application solutions. Expertise developed in database design and management (SQL), object-oriented programming (OOP), and full-stack development methodologies. Currently completing final-year projects, demonstrating the ability to translate complex requirements into functional, high-quality code.

## Professional Experience

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2021 – 2021

### **Sales Agent**

*Blue Label Connect*

Managed a high-volume outbound call cycle focused on telemarketing and achieving sales quotas for cellular contracts. This role was instrumental in developing resilience under pressure, improving time management, and honing professional communication skills necessary to consistently meet challenging daily sales targets.

2024 – 2024

### **Student Finance Assistance**

*Cape Peninsula University Of Technology* 

Provided essential student support by guiding applicants through the process of completing the Acknowledgement of Debt agreement using the institution's online system. Effectively managed and resolved a high volume of student inquiries related to financial assistance, escalating complex issues when necessary to ensure efficient and timely resolution and a positive student experience.

01/2025 – 12/2025

### Software Developer Intern

*Plum Systems* ↗

Contributes to the full development lifecycle for mobile and web applications (build/maintenance). Practical experience with a modern tech stack: React (Web), React Native (Mobile), and Node.js (Backend). Utilizing Firebase for database management and leveraging GitLab for version control and team collaboration. Working on real-world projects, demonstrating rapid learning and application of new professional software development technologies.

## Skills

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### Programming Languages

Java, Python, JavaScript (Core Proficiency)

### Database & Cloud

SQL, Firebase (Real-time database management)

### Core Concepts

Object-Oriented Programming (OOP), Full-Stack Concepts, Programming Logic

### Work Ethic

Resilience Under Pressure (demonstrated via target-driven sales), Diligence, Commitment, Time Management

### Project & Process

Team Collaboration (GitLab), Process Management, Rapid Skill Acquisition, Meeting Sales Quotas/Targets

### Web & Mobile Frameworks

React (Web), React Native (Mobile), Node.js (Backend)

### Version Control & Tools

GitLab, Git, Application Development Lifecycle (SDLC)

### Problem Solving

Analytical Thinking, Problem Resolution, Translating complex requirements into functional code

### Communication

Professional Communication, Student Support/Liaison, Outbound Telemarketing, Customer Engagement

## Certificates

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- Learning Arduino: Foundations ↗
- SQL Tips and Tricks for Data Science ↗
- Lo-Fi to Hi-Fi: Prototyping in Figma ↗
- Learning SQL Programming ↗
- Learning Brainstorming ↗
- AWS Academy Graduate - Cloud Foundations - Training Badge ↗

## Projects

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2025 – 2025

### Healthcare Management System

*School Project*

Developed a full-stack, multi-user system to streamline hospital operations, focusing on efficient patient appointment booking and management. Tech Stack: Built the front-end using React and TypeScript/JavaScript, with database design and management handled via MySQL Workbench. Implemented role-based features and a secure messaging function, demonstrating proficiency in user authentication and database-driven solutions.

2023 – 2023

### CPUT Schedule System Project

*School Project*

Designed and implemented a dynamic web application enabling students to track the CPUT shuttle schedule online, improving transport accessibility. Full-Stack development: Utilized HTML, CSS, and JavaScript for the front-end, with PHP handling backend logic. Responsible for database design and integration to ensure the delivery of reliable, real-time schedule information. Applied key principles of web development and user experience (UX) to solve a practical institutional need.

03/2025 – 10/2025

### **Candle Management System**

#### *School Project*

The Candle Management System is a web and mobile-based application developed as a capstone project to streamline and automate candle business operations. The system was created in response to challenges caused by manual processes, where sales, stock tracking, and production planning were managed through spreadsheets and chat messages. These methods often resulted in errors, delays, and operational inefficiencies.

The proposed solution consolidates all core business functions into a single, user-friendly platform. The system enables users to manage products and monitor stock levels, track customer orders from cart creation to delivery, plan production activities, and monitor raw material requirements such as wax, wicks, and jars. In addition, the application provides simple reporting features that allow quick review of sales and stock performance.

By centralizing and automating these processes, the Candle Management System improves operational efficiency, reduces human error, and supports better decision-making for management. The solution also helps minimize waste, control costs, and ensure timely order fulfillment, ultimately enhancing customer satisfaction.

## **Organisations**

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06/2025 – 09/2025

### **AWS Community Day**

#### *Timekeeper Volunteer*

Managed the critical timeline for General Session keynotes, ensuring the event ran precisely on schedule according to the official agenda timings. Executed precise timekeeping duties for each speaker by accurately setting and starting the stopwatch timer for every segment. Demonstrated unwavering attention to detail, reliability, and precision in a high-visibility role.

## **References**

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**Asivile**, *Student Finance Staff*, Financial Aid  
nkwintia@cput.ac.za, +27 760 123 515

**Luyolo Skoma**, *Team Leader*, Plum Systems  
+27 607 110 628

**Hennie Francis**, *CEO*, AWS Community Day  
+27 828 395 015



REPUBLIC OF SOUTH AFRICA

# National Senior Certificate

Awarded to

**XOLANI MASIMBE**



Identity number 0103315193088

Exam number 8204000090088

**Subject**

Xitsonga Home Language	59	4
English First Additional Language	51	4
Mathematical Literacy	64	5
Life Orientation	58	4
Business Studies	46	3
Geography	37	2
History	68	5

**Achievement  
level**

This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

With effect from December 2020

*M. S. LAKOMETSI*

Chief Executive Officer

This certificate is issued without alterations or erasure of any kind

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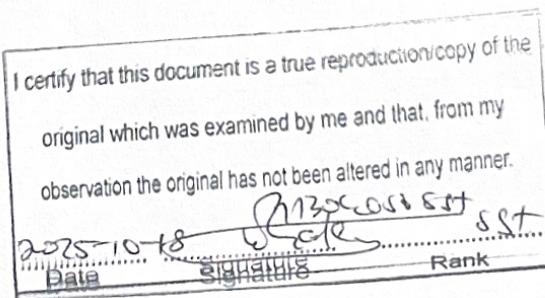
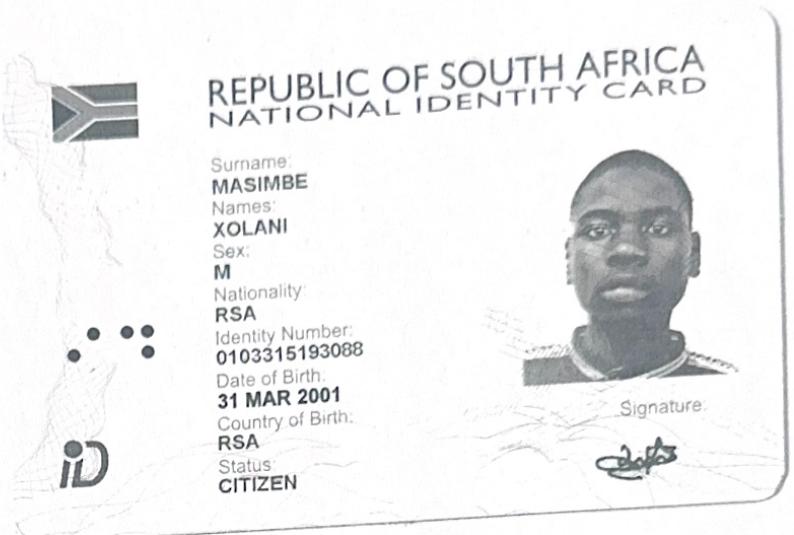
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(See reverse for more information)

**Council for Quality Assurance in  
General and Further Education and Training  
South Africa**

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