

Xolani Masimbe *Junior Software Developer*

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 0612773329

 Adderley Street Foreshore Cape Town 8001

 Xolani Masimbe

 XolaniMasimbe1

Profile

Application Development graduate from CPUT with a strong foundation in full-stack development concepts. Proficient in Java, Python, JavaScript, and SQL, demonstrated through hands-on academic and practical projects. Highly motivated and committed to continuous learning, with a strong desire to contribute technical skills to real-world software development challenges in a professional environment.

Education

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

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

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

- 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

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

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

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
English First Additional Language	51
Mathematical Literacy	64
Life Orientation	58
Business Studies	46
Geography	37
History	68

**Achievement
level**

59	4
51	4
64	5
58	4
46	3
37	2
68	5

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

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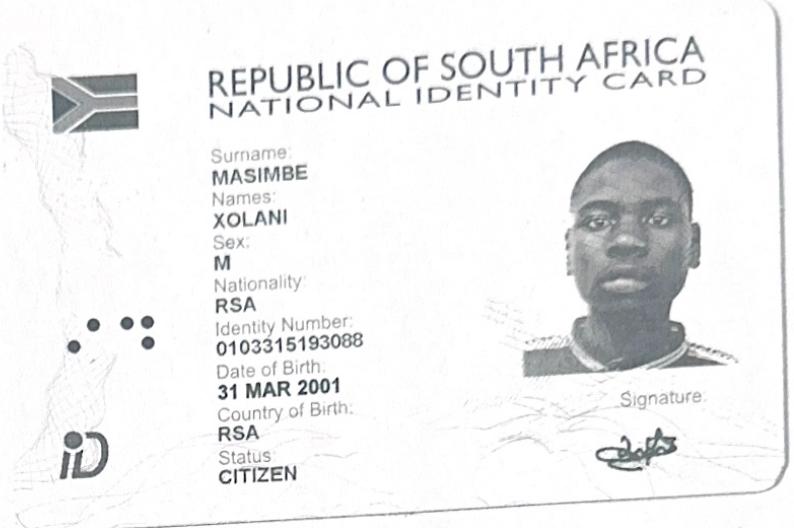
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