Tshiamo Ellen Khosana

khosanatshiamo@gmail.com | +27 724 685 248 | Hammanskraal, Gauteng, South Africa

LinkedIn - **www.linkedin.com/in/tshiamo-khosana-28a893235**
GitHub: **github.com/T-Cosna**
Portfolio: **tshiamokhosana.dev**

Professional Summary

Final-year BSc Computer Science & Information Systems student with hands-on experience in web development, database management, and cybersecurity. Passionate about building user-focused systems and improving technical infrastructure. Skilled in front-end development, problem-solving, and team collaboration with a strong commitment to continuous learning.

Skills Summary

Programming Languages: Python, Java, SQL, PHP, JavaScript (ES6+), TypeScript (learning)
Web & Frameworks: HTML5, CSS3, React.js (basic), Node.js (basic),   Bootstrap
Databases: MySQL, PostgreSQL, Microsoft SQL Server
Tools & Environments: Git, VS Code, MySQL Workbench, PG Admin, Linux, Windows
Soft Skills: Communication, Problem-Solving, Analytical Thinking, Collaboration, Security Awareness

Education

Rhodes University — BSc Computer Science & Information Systems

 March 2021 – Present

- Final-year student with focus on software development, databases, and information systems.

Ithuteng Commercial High School — NSC Certificate (Grade 12) January 2016 – December 2020

Projects

Residence Maintenance System (Neptune) – Rhodes University IS Dept.

 Feb 2024 – Oct 2024

- Served as Quality Assurance & Infrastructure Analyst and Temporary Project Manager.
- Built a maintenance system using PHP, JavaScript, HTML, and CSS with SQL and mySQL Workbench.
- Implemented user management and optimized database efficiency.

Cybersecurity Virtual Experience — Mastercard (Forage)

 May 2025

- Completed job simulation as a Security Awareness Analyst.
- Identified and reported phishing threats, and recommended stronger training programs.
- Enhanced understanding of fraud analysis, risk identification, and prevention strategies

TjoobeHub — Independent Project
 September 2025 – Present

- Developed a **friend/buddy-finding system.'**
- Allows users to book companions for various activities, such as groove sessions, church attendance, walks, group studies, or casual hangouts.
- Served as the **Front-End Developer**, creating responsive user interfaces with HTML, CSS, and Javascript.
- Focused on user experience, accessibility, and smooth booking flow design.

Certifications

AWS Solutions Architecture Virtual Experience (Forage), 2023

- Designed a scalable hosting architecture using AWS Elastic Beanstalk for a client with rapid growth.
- Explained the architecture in plain business language, including cost calculations.

Mastercard Cybersecurity Virtual Experience (Forage), 2025

- Identified and analyzed security threats, with focus on phishing and fraud prevention.
- Designed training interventions to strengthen company-wide security awareness.

(Upcoming) Google Cloud & Data certifications (in progress), Data Engineer (datacamp)

Work Experience

Computer Lab Assistant — Rhodes University

Feb 2025 – Present

- Provide technical support to students and staff in the computer labs.
- Maintain and troubleshoot hardware and software issues across lab systems.
- Assist in configuring lab environments and ensuring optimal system performance.
- Promote digital literacy and assist students with academic computing tasks.

Tutor — Computer Science Department, Rhodes University

 Feb 2024 – Present

- Tutored first-year Computer Science courses (CSC 1L1 & CSC 112).
- Assisted students with programming, algorithms, and database concepts.
- Developed problem-solving skills and improved student learning outcomes.

Interests

Anime | Tennis | Gaming | Learning new languages

References

Mr. Calton Mpofu – Computer Science TA, Rhodes University | mpofucarlton19@gmail.com

Dr. Monelo Nxozi – IS Lecturer, Rhodes University | M.Nxozi@ru.ac.za

Professor George Wells – CS Lecturer, Rhodes University | G.Wells@ru.ac.za

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REPUBLIC OF SOUTH AFRICA

National Senior Certificate

Awarded to

TSHIAMO ELLEN KHOSANA

Identity number 0203250715083

Exam number 9201210590019

Subject	%	Achievement level
Setswana Home Language	74	6
English First Additional Language	84	7
Mathematics	52	4
Life Orientation	77	6
Business Studies	72	6
Life Sciences	68	5
Physical Sciences	60	5
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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. Rakometsi

Chief Executive Officer

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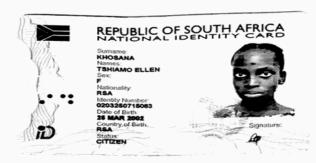
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