

Rishongile Tshabalala

Software Engineer with a strong foundation in software development, database management, networking, and systems analysis.

2527 Blue Current, Crescent, Kirkney Village, Pretoria, 0182 | 067 774 1870 | xongi14@gmail.com | <https://www.linkedin.com/in/rishongile-tshabalala3659b31a4>

Objective

To secure a challenging position that aligns with my skills, competencies, and education. My goal is to contribute meaningfully to organizational success while fostering professional growth and engaging with cutting edge technological advancements.

Experience

Software Engineer | Kheta Insurance Brokers **2025 October - Present**

- Designing company software
- Building friendly user interface
- Writing back-end code to solve company problems
- Designing and maintaining the database on SQL management studio
- Maintaining the system and ensuring it runs smoothly

Freelance Transcriptionist | Macgence – Upwork **2022 - 2023**

- Delivered high-quality audio-to-text transcription services.
- Maintained professional communication with international clients to ensure seamless delivery.
- Built expertise in meeting strict deadlines while ensuring exceptional quality in deliverables.

Education

University of Johannesburg, Bachelor of Science in Information Technology **2024**

Majors: Computer Science and Informatics

Waterval High School, National Senior Certificate **2015**

Subjects: Mathematics, Physical Sciences, Life Sciences, Geography, English, Xitsonga

Notable achievements

- Finalist in UJ Projects Day (Final Year Project 2024)
- Restored company software to work with latest IDE's after it could not compile for over 3years
- Updated the system to work when there are network problems instead of crashing
- Designed and built an ID number verifier using the Luhn algorithm
- Automated the SMS process for various operations in the company using Bulk SMS API
- Introduced a system for submitting Trackers, which involved designing the UI, database and submission of the information to partners

Skills & abilities

Technical Skills

- **Programming & Software Development:**
 - **Object Orientated Programming**
 - **Languages:** Java, C++, Visual Basic, Dart, Assembly, Python, C#
 - **Web Development:** HTML, CSS, JavaScript, C#, ASP.NET Framework
 - **Mobile Application Development:** Flutter, Android studio, Visual Studio Code
 - **Software Development Methodologies:** Agile, Scrum
 - **Backend development-** Node.js, JVM, .NET Runtime, Azure
- **Database & Data Management:**
 - SQL and Relational Database Design
 - Database Systems: MySQL, Oracle
- **Systems & Architecture:**
 - Systems Analysis and UML Design
- **Network Fundamentals:** TCP/IP, OSI Model
- **Operating Systems:** Windows, Linux, MacOS
- **Version Control:** Git, Azure DevOps
- **Security & Infrastructure:**
 - Cybersecurity Fundamentals
 - Cryptography Principles
 - Secure Communication Protocols
- **Business & Project Management:**
 - IT Project Management
 - Strategic Business Planning
 - Business Process Optimization
 - Technical Documentation
 - Research Methodology
- **Professional Software:**
 - Microsoft Office Suite: Excel, Word, PowerPoint, Outlook, PowerBI
- **Mathematics:**
 - Data analytics & Calculus
- **SOFT SKILLS**
 - Team Collaboration
 - Time Management
 - Adaptive Learning
 - Communication
 - Problem-Solving
 - Critical Thinking
 - High Emotional Intelligence
 - Quick Decision Making
 - Project Completion
 - Multi-tasking

- Attention to detail

- **INTERESTS**

- Following Technology Trends & Innovation

- Cycling

- Jogging

- Listening to Music

- Gaming

References

Mr. V.H Nkanyani | CEO

Kheta Insurance Brokers

Cell: 065 938 2240

Email: vonganin@kheta.co.za

Mr. R Maluleka | Informatics Lecturer

Lecturer, University of Johannesburg

Cell: 011 559 4648

Email: rmaluleka@uj.ac.za

Mr. N.G Ngobeni | Databases and Calculus Tutor

Lecturer, Belgium Campus

Cell: 073 080 8352

Email: nsukuglen@gmail.com

Mr. R.R Maemu| School Principal

Waterval High School

Cell: 063 659 4634