Thato Emmanuel Baloyi

Temba, 0407 — (+27) 79 743 9455 — thato2313321@gmail.com
GitHub — LinkedIn

EDUCATION

Rhodes University — Feb 2023 – Nov 2025
BSc in Computer Science & Information Systems — Grahamstown, SA
- **GPA:** 72% Overall Average; Accepted for 2026 Honours in CS and IS.
- **Relevant Coursework:** Data Structures, Theory of Computation, OS, Systems Programming.

University of Johannesburg — 2021 – 2022
BEng in Electrical & Electronic Engineering — Johannesburg, SA
- Awarded Eskom Full Academic Sponsorship for first-year BEng studies.

HONORS & AWARDS

- **Open Box Software Prize:** Top Student in Computer Science with a 94% academic average.
- **George M. Gruber Prize:** Awarded for excellence in Physics Electronics.
- **RU IT Helpdesk Selection:** Top candidate out of 120+ applicants for technical role.
- **Scholarships:** DVC Honours Scholarship; Central Energy Fund (CEF) Bursary.
- **Academic Rankings:** Dean's List (2023); Top 10 Academic Student (Founders Hall, 2023–2025).

TECHNICAL SKILLS

Programming: Java, Python, C, JavaScript (ES6+), PHP, SQL, Assembly (x86).
Frameworks/Web: React.js, Next.js, Node.js, Express.js, Nest.js, HTML5, CSS3.
Databases: MySQL, PostgreSQL, MongoDB (NoSQL).
Tools: Linux, Windows, macOS, Git, GitHub, VS Code.

WORK EXPERIENCE

Computer Science Tutor — Rhodes University — Feb 2024 – Nov 2025
- Mentored students in Data Structures & Algorithms (Java), Operating Systems, and C.
- Instructed on Theory of Computation, including Turing Machines and the Halting Problem.
- Delivered targeted feedback to ensure technical proficiency and conceptual understanding.

Lecture Venue Technician — Rhodes University — Feb 2024 – Nov 2025
- Resolved critical AV hardware failures (projectors, HDMI) under tight deadlines.
- Managed technical setups for major conferences and university events.

Technical Support (Family Business) — Frasar Internet Café — 2011 – Present
- Optimized cafe networks through OS installations, software updates, and hardware repairs.
- Acted as primary technical contact for community digital tasks and document digitization.

PROJECTS

FurryHaven (SPCA Management System) — *View Project* — 2025
HTML, JS, PHP, CSS, MySQL
- Awarded **2nd Place out of 32 teams** in the IS III Systems Development Project.
- Designed backend architecture and SQL schema to ensure robust data handling.

Personal Portfolio & Blog — *View Project*
Next.js, Node.js, MongoDB
- Developed high-performance web app with custom-built blog module and SSR for SEO.
- Integrated GitHub API to dynamically showcase live project data.

LEADERSHIP

Student Network Representative — Rhodes University — Feb 2024 – Nov 2024
- Provided technical support for campus-wide Wi-Fi and network connectivity.
- Facilitated student access to software applications and resolved account setup issues.