

Mmaphuti Mashadi Kgomo

I am a dynamic and driven final year student, pursuing a Bachelor of IT in Business Systems. I have a passion for technology, and its ability to positively contribute to our lived experiences, both personally and in the professional world. I am especially excited to engage with emerging technologies (like AI, LLMs and VR/AR) and explore how these technologies will change our personal and professional lives.

Through my studies, I have become proficient in business analysis, systems analysis, database management, software project management & software development. Outside of my studies, I attend interesting workshops and engage with different types of media (like podcasts and books), all with the end-goal of becoming a well-rounded, competent young technology professional.

I have a proven ability to adapt to new technologies quickly and collaborate effectively in team environments. I am eager to apply the academic knowledge and practical skills I have developed thus far, to learn, grow and contribute positively in a professional setting.

I thank you for considering my application and I hope you take a chance on me.

Technical Knowledge & Skills

Throughout my time in school, as well as through my own research, I have been exposed to diverse types of technologies and skills. The list below is a write-up of the technical knowledge and skills I have learned over the past few years that I believe make me a good fit for this role.

Business Analysis & Project Management Skills

- Agile Project Management
- BABOK & PMBOK
- Draw.io
- MS Office
- MS Projects
- MS Visio
- Lucid chart
- UML & BPMN

UI & UX Skills

- **Axure RP:** Axure RP is a software that allows users to create low and high-fidelity UX prototypes. I have used Axure to create a prototype of a website. The point of the prototype was to demonstrate an understanding of user experience, usability, GUI creation and all the considerations that go into designing the UX of a system.
- **Figma:** Figma is a collaborative design tool that can be used for all sorts of graphic design, including prototyping. I used Figma to create a conceptual web-based payment system. The point of the prototype was to demonstrate an understanding of how requirements are translated into systems and system features.

Programming Languages

- **Java**
- **Python**

Data and Analytics

- **My SQL:** I used MySQL as the back-end DBMS for the applications I built. I used MySQL to perform basic and complex CRUD functions, depending on the complexity of the program.
- **R Software:** I used R programming to conduct statistical analysis on datasets provided to me.
- **PowerBI & Tableau:** I used PowerBI & Tableau for data modelling, data validation and Data Analysis. The reports generated through these platforms were then presented as part of assignment work.

Behavioural Skill

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| • Innovative | • Problem Solver |
| • Process and System Thinker | • Comfortable with Ambiguity |
| • People-Oriented | • Level-Headed |
| • Highly Empathetic | • Values Driven |
| • Resilient | |

Education

IIE Rosebank College, Johannesburg - IIE Bachelor of Information Technology in Business Systems: 2022 – 2024

I am currently in the final year of my IIE Bachelor of Information Technology in Business Systems qualification. I am completing my qualification through the IIE's Rosebank College. The IIE Bachelor of Information Technology specialises in Business Analysis.

Final year modules

- IT Risk Management
- Introduction to research
- Human computer interaction
- Business Analysis 3A and 3B
- Enterprise Resource Planning
- Information Systems Planning

Final Year Project

As part of our final year project for Work Integrated Learning, my group engaged with an NGO called Planact. During our time at Planact, we performed various tasks related to business analysis including:

- Conducting interviews with different senior stakeholders to understand their business processes including analysis of their IT systems.
- Eliciting and documenting functional and non-functional requirements.
- Using UML and BPMN standards to model activities within the organisation.
- Performing SWOT analysis on the organisation and suggesting improvements to senior stakeholder.
- The gathered data is employed to develop IT solutions for the organisation.

Sunward Park High School, Boksburg - NSC (Matric): 2016 – 2020

I completed my matric in 2020. The subjects I completed in matric are:

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|-----------------|---------------------|
| • English Home | • Life Orientation |
| • Language | • History |
| • IsiZulu First | • Life Sciences |
| • Additional | • Physical Sciences |
| • Language | • Religion Studies |
| • Mathematics | |

Webinars & Workshops

Planact 'Igniting Community Voices in Local Government' - 3rd of October 2024

Planact will be hosting a workshop called 'Igniting Community Voices in Local Government' exploring the different avenues through which participatory democracy can be achieved.

*Although the event is scheduled for the 3rd of October. I have included it here as I have already RSVP'd and intend on attending.

IIBA Career Expo – 29th of August 2024

The International Institute of Business Analysis hosted a webinar for young professionals. The workshop focused on giving attendees insight on the Business Analysis industry and how we can use our skills to empower ourselves. Some of the skills I learnt include:

- Networking in the Tech industry
- Career Opportunities in Business Analytics
- Certificates for better knowledge in the field

Deloitte Volunteer Day - 14th of May 2024

I attended a workshop hosted by Deloitte. During this workshop, I learnt skills around Salesforce, Server Management, Career Planning and Financial literacy. The workshop was geared towards equipping young people with a few skills that would make it easier to start a career in technology.

Courses & Certificates

ABSA Financial Literacy Certificate - 3rd of September 2024

The organisation hosted a financial skills course where I obtained a financial literacy certificate. The course is aimed to empower the youth on how to manage money. I learnt skills in budgeting, investing, optimisation of credit and better spending habits.

FreeCodeCamp Responsive Web Design Certificate – 26th September 2024

I have a Responsive Web Design certification from FreeCodeCamp, which showcases my ability to create responsive and user-friendly websites. The program covered key topics like fluid grid layouts, responsive media, and media queries. I learned to implement mobile-first design principles, ensuring that websites function well on all devices, from smartphones to desktops. This certification reflects my dedication to enhancing user experience and accessibility in web development.

