NTANDOYENOSI KAGISO GUMEDE

INFORMATICS

CONTACT

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🌐 My Portfolio:
https://Kagisogumede.github.io/

INTERPERSONAL SKILLS

- Active listening
- Team working
- Problem-solving
- Communication

LANGUAGES

- English
- Isizulu
- Tswana

INTEREST

- Web development
- Data Sciences
- Economics
- Artificial Intelligence

SUMMARY

As a final-year Informatics student, I possess a strong foundation in business analysis, software testing, and programming, with skills in gathering requirements, business process modeling, and creating process flows using UMLs. I'm proficient in tools like MS Visio, Visio Paradigm, and UML Designer, and experienced in user interface design using Figma. Additionally, I have programming skills in Java and a basic understanding of web development using HTML, CSS, and JavaScript. With excellent communication and leadership skills, I'm an innovative and motivated individual who thrives on learning new things. I'm eager to apply my theoretical knowledge in a real-world setting and contribute to industry projects

EXPERIENCE

Volunteer Experience - RainCloud Company

Business Analyst, System Analyst, Project Manager, Software Tester Volunteer

- Developed business processes and process flows using Microsoft Visio
- Conducted system analysis and created UML diagrams (use case, activity, sequence)
- Designed user interface wireframes and mockups using Figma
- Managed project tasks and coordinated team activities in an Agile environment
- Gained practical experience across the full Software Development Life Cycle (SDLC)

TECHNICAL SKILLS

Programing Langueges

- Technical Skills: Writing and debugging code, logic development
- Languages (Basics) : Java, HTML, CSS, JavaScript
- Problem-Solving Skills: Algorithm development, debugging

Database Management Systems (DBMS)

- Technical Skills: Data modeling, writing SQL queries, database design
- Tools: MySQL, SQL Server
- Data Analysis Skills: Managing, organizing, and retrieving structured data

Business Analyst

- Business & Analytical Skills: Requirements gathering, business process modeling
- Modeling: Creating process flows, use cases, and business models (e.g., UML, BPMN)
- Stakeholder Management: Working closely with clients and end users
- Tools: Experience with tools like Microsoft Visio, JIRA, Trello, visio paradigm

System Analyst

- **Analytical Skills:** Understanding and evaluating business processes and IT systems
- **Problem-Solving:** Identifying system problems and proposing improvements
- **Documentation:** Creating system specifications and reports

UI Designer (User Interface Designer)

- **Design Tools:** Proficiency in tools like Figma, Adobe XD, Sketch

Project Manager

- Agile & Scrum Methodologies
- Communication, Team Leadership, and Project Planning & Scheduling
- I have experience preparing project documentation such as task plans, meeting notes, and progress reports from academic and volunteer projects.
- I am proficient in using digital tools like Asana, Monday.com, Trello, and Jira for task management and team collaboration.
- I am comfortable following structured procedures while also applying flexible problem-solving when needed.

EDUCATION

Tertiary: Tshwane university of Technology

- Qualification: Dip Informatics   2022-2025

Major Field

- Programming principles
- Business Analyst
- System Analyst
- Process Testing
- IT Project Management

High School: Nodineka High School   2020-2021

- Highest grade passed: Grade 12
- Stream: Science and Mathematics Stream

PROJECTS

Project 1 : integrated HR Management Solution

- The objective is to design and develop a comprehensive and integrated HR platform that streamlines multiple HR functions, including recruitment, payroll, time & attendance, and learning & development. This platform aims to simplify operations, improve data accuracy, and enhance user experience for employees, managers, and HR personnel. By automating and consolidating these functions, the platform will increase productivity, reduce errors, and provide data-driven insights to inform strategic decision-making, ultimately transforming HR operations and improving employee engagement.

Project 2: E-commerce website

- Objective: As informatics students, my group and I visited a small enterprise and discovered that our cafeteria was losing customers due to a lack of technology. Therefore, we decided to build an e-commerce website. I participated in this project as a Business Analyst and System Analys