

Victor Nxumalo

Information Systems Graduate

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Personal Profile

I am a dedicated and results-driven B. Com in Information Systems graduate from the University of Johannesburg with a strong passion for technology, problem-solving, and driving innovative solutions. My academic journey has equipped me with a solid foundation in IT systems, data analysis, and project management, complemented by exposure to business processes and technical problem-solving. This blend of skills allows me to bridge the gap between IT infrastructure and business operations effectively.

I have developed hands-on skills through academic projects and collaboration, enhancing my ability to work in dynamic, team-oriented environments. My strengths include analytical thinking, adaptability, and a keen attention to detail, making me adept at diagnosing and resolving technical issues. I am also eager to expand my expertise in system support, cloud networking, and IT service management.

I am excited about opportunities that allow me to gain practical experience in network design, troubleshooting, and emerging technologies like AWS and Azure. My goal is to contribute meaningfully to innovative IT projects, ensuring system reliability and optimization while continuing to grow as a professional. I am committed to learning, collaborating, and delivering value in roles that demand technical aptitude and a drive for excellence.

TECHNICAL SKILLS	SOFT SKILLS
JavaScript	Analytical problem-solving
Node.js	Excellent communication
Django Framework	Attention to detail
C#	Collaboration
Python	Adaptable
CSS, HTML, Bootstrap	Creative
MySQL & MySQL Workbench	

Education

- B.Com Information Systems: Management Information Systems University of Johannesburg – Johannesburg, South Africa. Completed: 2024

Modules Studied:

- Business management studies
- Information systems (Passed with distinction).

- Entrepreneurship (Passed with distinction).
- Software development ○
Information systems
software development year
project (2024)
- High School Bachelor: Science Education
Tsakane EXT 8 Secondary School – Tsakane Ext 8, East Rand, Gauteng, South Africa. Completed: 2021

Subjects Studied:

- Geography
- Life Sciences
- Mathematics
- Physical Sciences
- English FAL
- IsiZulu Home Language

Projects

Student Insider (Web Application) – Final-Year Project at the University of Johannesburg

- Project Title: Entertainment and Educational Web Application
- Description:
Designed and developed a dynamic web application, Student Insider, aimed at streamlining university resources for students by centralizing entertainment, collaboration, and information. The application was built to address challenges faced by students transitioning into university life, such as:
 - Navigating university processes and accessing support services.
 - Building meaningful social networks and friendships.
 - Gaining access to reliable educational resources, tutoring, and guidance.
 - Managing finances and dietary plans while balancing a healthy lifestyle.
- Objective:
The goal was to create a user-friendly Student Information System (SIS) tailored to empower students academically, socially, and personally. The platform integrates diverse functionalities, offering:
 - Academic Support: Access to tutoring services, CV templates, interview tips, and scholarship/bursary information.
 - Social Features: Networking tools to help students connect with peers and foster inclusivity.
 - Lifestyle Guidance: Dietary plans, financial budgeting tools, and tips for managing university life effectively.
 - Entertainment and Collaboration: Features such as vlogs, blogs, gamification, and event updates to engage and entertain users.
- Technologies Used:
JavaScript, Socket.io, Node.js, MySQL & MySQL Workbench, CSS, HTML, Bootstrap
- Responsibilities:

- Designed and implemented core features like tutoring services, interactive dietary plans, and personalized educational resources.
- Built an intuitive front-end user interface with responsive design principles for seamless interaction across devices.
- Developed robust back-end functionality to manage data securely and ensure real-time updates (e.g., comments, likes, and notifications) using Socket.io.
- Ensured database management for student profiles and platform activities with MySQL, enabling efficient data storage and retrieval.
- Outcome:
Successfully delivered a versatile and scalable platform that fosters inclusivity, collaboration, and empowerment among university students. Student Insider supports a holistic student experience by offering resources for academic success, social connection, career readiness, and lifestyle improvement.

How It Streamlined Entertainment, Collaboration, and Information:

1. Entertainment Features:
Introduced features such as vlogging sections, blog pages, and interactive games (e.g., spin-the-wheel for motivational messages) to provide a sense of fun and belonging.
2. Collaboration Tools:
Enabled students to form meaningful connections with peers through networking modules and discussion platforms.
3. Information Access:
Centralized all relevant resources, such as faculty-specific updates, scholarships, mental health guides, dietary plans, and financial advice, in a single, easily navigable platform.

Certifications

- Starting Python Programming
Alison Certificate in Python Fundamentals Issued by [Alison](#):
[16 January 2024]
 - Information Systems & Business Processes
Certification in Information systems And Business processes Issued by
[Alison](#): [11 January 2024]
 - Python Mastery Course: From Beginner to Advanced (2024)
EDUCBA Bridging the Gap by [Udemy](#)
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