

VICTOR NXUMALO

SOFTWARE ENGINEER

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[LinkedIn Profile](#) [GitHub Profile](#) [Website](#)

PROFILE SUMMARY

Results-driven Software Engineer with a BCom in Information Systems degree and hands-on experience in full-stack development, database management, and enterprise-level software solutions. Proficient in Python, C#, and JavaScript, with expertise in backend framework and modern frontend technologies . Adept at designing scalable architectures, optimizing system performance, and implementing secure, high-availability applications. Strong understanding of DevOps practices. Skilled in Agile methodologies, software design patterns, and cross-functional collaboration to drive efficient development cycles. Passionate about mentoring, problem-solving, and aligning technical solutions with business goals.

PROFESSIONAL SKILLS

- Problem-Solving
- Critical Thinking
- Collaboration & Teamwork
- Communication
- Client & Business Understanding
- Project Management

TECHNICAL SKILLS

- Programming Languages
- Frontend Development
- Backend Development
- Database Management
- Version Control (Git & GitHub)
- Development Tools (VS Code)

PROGRAMMING LANGUAGES & FRAMEWORKS

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|-------------|----------------|--------------|-----------|---------|
| • Python | • JavaScript | • C# (sharp) | • CSS | • MySQL |
| • Bootstrap | • Tailwind CSS | • Socket.io | • Node.js | • SSMS |

EDUCATION

Bachelor of Commerce (BCom) in Information Systems
University of Johannesburg | Started 2022 – Completed 2024

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|----------------------------------|--|
| • Business Management Studies | • Software Development |
| • Information Systems Management | • Final-Year Project (Educational & entertainment web application) |
| • Entrepreneurship | |

WORK EXPERIENCE

Freelance Full-stack Developer

VertexSolutions | Johannesburg, South Africa

Jan, 2024– Present

- Delivering end-to-end web solutions, ensuring scalability and maintainability
- Collaborating with clients to translate business requirements into technical designs. emphasizing data modeling and cross-browser compatibility.
- Optimising deployment processes and implemented unit testing for robust functionality