👤 CAREER PROFILE

As a Software Engineer, I design, develop, and maintain software solutions. I leverage my expertise in the Software Development Life Cycle (SDLC), Database Management Systems (DBMS), and computer networking to build efficient and reliable systems that optimize performance and user satisfaction.

🎓 EDUCATION

BSc in Software Engineering	2022 - 2025
Zambia University College of Technology	

I'm pursuing a Bachelor's in Software Engineering at the Ndola Campus' ICT Center of Excellence, where coursework focuses on applying software concepts to solve real-world engineering challenges.

ECZ School Certificate Examination	2015 - 2019
David Livingstone Secondary School	

I obtained a school certificate at secondary education level at David Livingstone secondary school.

🗄 PROJECTS

Crop Hopper (Pest Control Assistant App) - A pioneering agriculture application that leverages cutting-edge deep vision technology to identify potential pest threats and equip farmers with data-driven decision-making tools (Patent pending).

Mean Green (Garbage Collection Order App) - A innovative app that simplifies waste disposal. Order pickups for any type of waste, track driver location in real-time, and contribute to a healthier environment. (Patent pending).

John Swana

Software Engineer | SDLC, DBMS, Networking

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LANGUAGES

English (Professional)

Luvale (Native)

Bemba (Novice)

⚙ SKILLS & PROFICIENCY

Software Development Life Cycle (SDLC)

Database Management

Data Communications and Networking

Technical Writing and Communication

Web Development and Design

System Analysis and Design

Software Development Project Management

Operating System Administration

JavaScript (Programming Language)

C (Programming Language)

Go (Programming Language)

Dart (Programming Language)

Shell Scripting

INTERESTS

Music, Poetry, Photography

Open source software

Travel & Exploration