Jaundré
Smit

IT Professional

I'm a South-African IT professional with a BSc in Information Technology, specializing in full-stack development, database management, data science, and machine learning. I have gained extensive experience through a range of projects, dedicated self-study, and the knowledge acquired during my degree. Passionate about creating impactful, scalable solutions, I thrive in collaborative settings and am eager to leverage my expertise to solve complex challenges and drive innovation.

CONTACT

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EDUCATION

NSC
Hoërskool Garsfontein, Pretoria
2021

BSc Information Technology
North-West University, Potchefstroom
2022-2024

SKILLS

- UI/UX
- Project Management
- Microsoft Office
- System Design
- Problem Solving
- Communication
- Information Security
- 3D Modeling
- Data Structures
- Decision Support
- Database Management
- Optimising SQL
- Version Control
- System Development
- Team Leadership

PROJECT EXPERIENCE

Online Food Ordering and Delivery System — 2023

Created an online food ordering and delivery system using C#, Microsoft SQL Server and .Net Framework 4.8.1. Lead database administrator and full-stack system developer as well as responsible for managing the development team and project development methodology.

Data Encryption Application — 2023

Created a freeware encryption application that allows users to safely encrypt and decrypt any file type in python, with Tkinter for UI, using 256-bit AES, 64-bit Blowfish as well as a custom-made encryption algorithm.

Online Education Platform, Siyafunda — 2024

Developed Siyafunda, an online education platform using C#, ASP.NET, .NET 4.8.1, Microsoft SQL Server, javascript, HTML, CSS, and Azure for deployment. Led a team as project manager, lead developer, and database manager, delivering features like file sharing, online tests, gradebook, and timetables. Focused on performance, scalability, and security.

Data Analysis of Airbnb Listings in Cape Town — 2024

Conducted a comprehensive data-driven analysis of Airbnb listings of the entire Cape Town area, using MySQL to identify top-rated areas for investment opportunities and python to create data visualizations using pandas, geopandas and matplot. The project focused on maximizing financial potential while understanding customer satisfaction. I was responsible for database design, schema optimisation, and SQL query development for extracting insights into rental income, occupancy rates, and amenities.

WORK EXPERIENCE

.Net Framework Tutor — JUL 2023 - DEC 2023
North-West University

I tutored undergraduate students at the NWU-Potchefstroom campus in C#-based .Net framework.

Structured Programming Tutor — JUL 2024 - Nov 2024
North-West University

I tutored undergraduate students at NWU-Potchefstroom campus in C++ based structured programming.

Software Developer — NOV 2024 - JUL 2025
Signify Software

As a Software Developer at Signify Software, I am proficient in utilizing various components of the ASP.NET framework. My responsibilities include developing stored procedures and managing SQL updates for one of South Africa's largest databases.

LANGUAGES

- English
- Afrikaans
- German