Jonathan Joubert, Software Developer

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PROFILE

With over 2 years of experience in software development and product design engineering, I specialize in desktop application development, web and mobile solutions, and server administration. I have a proven track record in designing and implementing user-friendly websites, backend systems, and database solutions.
Known for strong problem-solving abilities, attention to detail, and a collaborative work approach, I combine hands-on expertise in software engineering and electronics. Dedicated to delivering tailored, innovative digital solutions that prioritize security, efficiency, and a quality user experience.

EMPLOYMENT HISTORY

Jan 2024 – Jan 2025   Web Developer – FibCo Networks   Kempton Park

- Developed and deployed full-stack web applications using HTML, CSS, JavaScript, and Python.
- Integrated scalable back-end services with C# and Python, ensuring application reliability and performance.
- Managed SQL databases for various client applications, optimizing queries and data integrity.
- Administered Linux servers, applying cybersecurity best practices to secure digital assets.
- Collaborated in agile team environments to deliver tailored solutions aligned with user requirements.

Jan 2023 – Oct 2023   General Assistant – Alien Systems and Technologies   Walkerville

- Designed and built an anechoic chamber to improve product testing for quality control.
- Created internal tools and calculators using Python to streamline operational processes.
- Worked hands-on with printed circuit boards and electronic components, including soldering and troubleshooting.
- Assisted in maintaining production safety standards and documentation processes.

Jan 2019 – Jan 2023   Volunteer – Nan Hua Temple   Bronkhorstspruit

- Supported logistics for large-scale events, managing registration and crowd control under pressure.
- Provided excellent service to visitors, handling inquiries and operational tasks with professionalism.
- Developed communication and leadership skills through consistent volunteer work and task coordination.

EDUCATION

Jan 2023 – Dec 2026 (In Progress)

Bachelor of Computing (NQF 8) – Belgium Campus   Kempton Park

Core focus: Software Development, Data Structures, Databases, Networking, Machine Learning

TECHNICAL SKILLS

- Programming Languages: Python, C#, JavaScript, Java
- Frameworks & Tools: .NET, React, Flutter, Git, RESTful APIs, TensorFlow, Nodejs
- Databases: SQL Server, MySQL, Transact-SQL, PostgreSQL, MongoDB
- Server Administration: Linux (Debian and Arch-based), Apache, SSH, Clonezilla, Wireshark
- Other: Agile Development, MVC Architecture, Version Control, PDF Generation

KEY SKILLS

- Front-End Development
- Back-End Development
- Database Design and Optimization
- Cybersecurity Principles
- Machine Learning (Basic)
- Internet of Things (IoT)
- Linux Server Management
- Git and Version Control

LANGUAGES

English: Native Speaker
Afrikaans: Highly Proficient