JANCO NIEUWOUDT

SOFTWARE ENGINEER

Motivated & detail-oriented Software Engineering student with a strong foundation in programming, data structures, & system design.
Proficient in C#, JavaScript, React, SQL, & Blazor, with hands-on experience in full-stack development through team-based & mentored projects.
Passionate about building scalable, user-focused solutions & continuously learning new technologies.

CONTACT

+27 73 450 5075

Gauteng, South Africa

janconieuwoudt.werk@gmail.com

www.linkedin.com/in/janco-nieuwoudt/

www.github.com/JancoNieuwoudt

EDUCATION

Belgium Campus iTversity
Bachelor of Computing, Software Engineering
Passing with distinction
2023 to present

Hoërskool Jeugland
Passed with 4 distinctions
2018 to 2022

LANGUAGES

Afrikaans
English

SOFT SKILLS

Problem-Solving

Adaptability & Innovation

Teamwork

Leadership

Communication Skills

Time Management

TECHNICAL SKILLS

Programming: C#, , Java, Python, SQL, HTML, CSS, JavaScript

Frameworks/Libraries: React, Blazor, .NET

Tools: GitHub, Visual Studio, VS Code, Office 365

Databases: SQLServer. PostgreSQL, MongoDB

Concepts: OOP, MVC, REST API, SOLID

REFERENCES UPON REQUEST

ACHIEVEMENTS

Jukskei

Achieved National Colors (3 times),
Provincial Colors (7 times).
Qualified Provincial Coach & Club-level Arbiter

Head Council

Served on the Head Council of
Hoërskool Jeugland in matric

HOBBIES

Jukskei

Weightlifting & Training

Cars & Restoration

Video Games

WORK EXPERIENCE

Software Development Trainee (Mentored Project)

2025 to present

Collaborated with two alumni mentors, now industry professionals, to develop a software solution adhering to professional standards. This experience provided valuable insight into industry best practices, including software design, development, and version control, while enhancing my technical and problem-solving skills bridging academic knowledge with real-world applications.

PROJECTS

Belgium Campus Year Project

2025 to present

Developed an AI-driven fatigue detection system for single-prop aircraft using computer vision and biosensors. Designed a 3D-printed case for cockpit integration and implemented IoT-based alerts for real-time safety monitoring. Tools: OpenCV, TensorFlow, Raspberry Pi, Fusion 360.

Jukskei Tournament Management System

2025 to present

Currently developing a Blazor-based web app to automate tournament creation, round-robin pairings, and real-time score tracking for Jukskei. Replaced manual Excel score sheets with a dynamic solution for players & organizers. Tools: Blazor, C#, .NET, Swagger