

JACOBUS JOHANNES VAN STADEN

SOFTWARE ENGINEERING STUDENT

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PROFESSIONAL OVERVIEW

I am a final year BSc Information Technology student with hands on experience in UI/UX design using HTML, CSS and Vue.js, and back-end development with .Net. I am skilled in problem-solving and passionate about constantly improving my skills, with a strong interest in both software engineering and data science. Open to opportunities that support continuous learning and potential further academic development.

WORK EXPERIENCE

Part-Time Driver

Five Star Extinguishers | September 2020 – November 2020

- Provided timely and safe transportation for technicians servicing fire prevention and extinguishing equipment across various client sites.
- Assisted technicians with equipment handling and setup when required.
- Demonstrated reliability, punctuality and strong communication skills in a fast-paced and changing environment.

PROJECTS

Invensight - Inventory Management App (In Progress)

- Developing a full-stack web application using Vue.js and Supabase, designed to help small to medium-sized businesses manage their inventory more efficiently. Features include low-stock alerts, stock tracking, and sales data visualization through a streamlined admin dashboard.

Connectly – Social Flutter App (In Progress)

- Building a mobile app using Flutter and Supabase that enables users to connect based on shared interests and location. Key features include swipe able discovery, interest-based posts, even creation, in-app messaging, geolocation filtering, and safety tools like profile verification and reporting.

Auction Site (Freelance Project – 2023)

- Contributed to the development of a general-purpose online auction platform. Implemented core functionality for listing items, bidding, and user accounts. The project was handed off prior to final feature completion due to external circumstances and is no longer maintained by the original developers.

PROFESSIONAL DEVELOPMENT (ONLINE COURSES)

- Programming for Everybody – University of Michigan (Coursera)
- Python Data Structures – University of Michigan (Coursera)
- Programming in Python – Meta (Coursera)
- Version Control – Meta (Coursera)
- Intro to Databases for Back-End Development – Meta (Coursera)
- Introduction to Back-End Development – Meta (Coursera)
- Django Web Framework – Meta (Coursera)

EDUCATION

BSc in Information Technology (Final Year Student) – North-West University – 2022 to Present

National Senior Certificate (Bachelor's Degree Pass, B) – Hoërskool Pretoria-Noord – 2019

SOFT SKILLS

- Good Communication
- Team Player
- Critical Thinking
- Time Management
- Adaptability
- Organised
- Reliable

TECHNICAL SKILLS

- Programming Languages: C#, Java, JavaScript, C++, Python, Dart(flutter), HTML, CSS
- Frameworks and Libraries: ASP.NET Core, Vue.js, Flutter, Supabase
- Tools and platforms: Git, Visual Studio, Visual Studio Code

ACHIEVEMENTS

- Selected for 1st Team Softball in Grade 11 and 12 (2018-2019)
- Selected for 2nd Team Cricket in Grade 10 and 11 (2017-2018)
- Served on the Student Council (2014)
- Selected and represented South Africa in the National Dance Team in Germany (2012)