CURRICULUM VITAE

Full Name
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Code B

CONTACT

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EDUCATION

- Matric (High School Stellenberg, 2024)
  - Information technology
  - Engineering Graphics and Design
  - Physical Sciences
  - Mathematics
  - English Home Language
  - Afrikaans Home Language
- Java coding course (High school Stellenberg, 2024)
- Python course, Module 1 (Shaw academy, 2021)
- First aid level 1 (2022)
- WEG Motor training
- WEG VSD Training
- Enrolled in a part time Software Engineering diploma, which includes relevant certifications at CTU Training solutions.

SKILLS

- Proficient 3D design (Fusion 360)
- Proficient digital design (Canva)
- Programming

Kobus
Van Schalkwyk

Creating new things is my passion. I find it fascinating that real world problems can be solved by just typing in the right code, or by building a real-life solution. I believe in dreaming big and I dream of improving the world in the best and most efficient way possible.

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Experience

I had my gap year in 2025, whilst rewriting mathematics and physical sciences, after matriculating in 2024. This year I worked at different places to gain experience in diverse work environments until I found my passion for software engineering.

FACILITIES MANAGER ASSISTANT | INTERNSHIP |TYGERBERG GESINSKERK
Jan 2025 - Mar 2025

- Assisted in organizing and maintaining storerooms and church inventory.
- Updated and managed the Youth database to ensure accurate records.
- Supported event set-up and logistics during weekdays and weekends.
- Performed maintenance tasks (light replacements, plumbing adjustments, equipment repairs).
- Contributed to improving facility systems and expanding resources.

TECHNICAL & WAREHOUSE ASSISTANT| INTERNSHIP | WEG INDUSTRIES – CAPE TOWN BRANCH
Apr 2025 – Jul 2025

- Assisted with Variable Speed Drives: opened, tested, repaired, and compiled client reports.
- Completed on-the-job technical training and applied solutions independently.
- Supported warehouse operations and workbench tasks, ensuring smooth workflow.
- Focused on learning, problem-solving, and improving existing systems.

- Delphi (Expert)
- Python (Expert)
  - o Django

- Java (Competent)
- HTML (Expert)
- CSS (Expert)
- JavaScript (Competent)
- SQL (Competent)
- Proficiency in Microsoft (Excel, word, access etc.)
- 3D Printing
- Leadership
- People
- Systems management
- Problem solving
- Music (Guitar, Piano, Singing)

REFERALS
Tygerberg Gesinskerk
- Johan Delport (+27 845805740)
- Kenneth Woodward (+27 727788544)

Weg Cape Town
- Marthinus Greef (+27 833266870)

Terroir coffee roasters
- Fanie Viljoen (+27 828755669)

COFFEE ROASTERY INTERN | INTERNSHIP | TERROIR COFFEE ROASTERS
Aug 2025 – Oct 2025

Terroir gave me barista training at our Church, where I found a love for coffee. This led me to this internship, with the aim of learning how a small business runs and about coffee.

- Made coffee for clients and acted as a salesmen
- Assisted in roasting
- Packaging
- Deliveries

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Extra-curricular activities

LEADERSHIP POSITIONS TYGERBERG GESINSKERK
Since 2019

Band leader Since 2021 (5 Years)
Lead the Youth band with singing and a rhythm guitar. Recruit and lead other people in the band. Set up and maintain the sound system.

Barista leader Since 2022 (4 Years)
Thoroughly learn to make better coffee. Recruit and train other baristas. Manage baristas and create a system to make coffee on Sunday mornings and on events.

Sunday school leader 2019-2025 (6 Years)
Set-up lyrics and songs. Manage a Sunday school team to keep the children -entertained and -in line.

PROGRAMMING
Smart assistant
A Python-based program, used to simplify my computer life for me.
Features include:
- Speech to text and vice versa through Eleven labs API.
- Play certain Spotify playlists.
- Open a list of programs, files or websites.
- Read the weather.

GitHub:
https://github.com/ThatOneProgrammerUKnow/smartassistant.git

VSI Sales
A Django based program to help small businesses manage sales. Allows you to sign in and join a company with a certain plan.
Features include:
- Create -Product, -Client, -Order and -Invoice objects and save it to a Postgres database.
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GitHub:
https://github.com/ThatOneProgrammerUKnow/vsi_sales.git

WEG Returns system
A comprehensive return system to replace WEG Cape Towns' entire return registry system.

I saw the opportunity and presented a demo to the entire team, then after the go-ahead I collaborated with two other senior developers.

Technologies used are:
- Backend: Python, using Django.
- Frontend: Html and Tailwind.
- Database: Docker and Postgres.

The GitHub repo for this project is private for security reasons, feel free to ask for a demo or any referrals regarding this project.