

OFENTSE MENWE

SOFTWARE ENGINEER

CONTACT

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EDUCATION

National Senior Certificate
2016

Azure Fundamentals Certified
Microsoft

Bachelor of Science (Hons)
Computer Science
University of the Western Cape
2024

Bachelor of Science
Computer Science
University of the Western Cape
2021

SKILLS

Python, Java, C#

Azure

Docker

SQL Server

Power Automate

UiPath

GitHub

API Development

Event Driven Architecture

ArcGIS

CAREER OBJECTIVE

Over a 4-year career of software engineering experience, studying and working in Cape Town. I have been actively involved in the development and maintenance of applications for the South African Navy, Department of Environmental Affairs and Zutari. At present, I hold the position of Software Engineer, with a focus on tasks involving Automation. In addition to gaining hands-on experience, I have acquired certifications from Microsoft.

WORK EXPERIENCE

Software Engineer

Capitec Bank

Jan 2025 - current / Stellenbosch, Cape Winelands

- Implemented automation processes, significantly enhancing client productivity and satisfaction.
- Backend development using C#, Java and Python
- Identify internal client pain points and create automation solutions to save up to 50% of revenue by reducing headcount and time spent.

Solution Developer

Zutari

Aug 2023 - Dec 2024 / Century City, Cape Town

- Backend development that involves REST API development in Python and Java
- Building BI dashboards using PowerBI
- Implemented advanced data engineering techniques with Python, Java and SQL Server, leading to an increase in data reliability
- Built a PubSub system using Python and MQTT which provides a live data feed of temperature and humidity

Junior Software Developer

State Information Technology Agency

Jan 2022 - July 2023 / Observatory, Cape Town

- This role required the maintenance and handling of change requests for an internal Marine system for the DFFE using Java and Oracle.
- Transpiled Fortran to Python for the Navy
- I oversaw updates to an internal Navy website to update the latest news using HTML, CSS, and JavaScript
- Implemented a front-end application using PyQt5 and built a foundation for the backend using SQLite for the Navy