



# Nawa Mumbwe

Software Engineer

## 👤 Profile

I am a software engineer with impactful experience across the entire software development lifecycle. I began my career in product teams designing life insurance solutions for high-net-worth individuals before transitioning to modernizing legacy systems—breathing new life into them with cloud-based solutions, cutting-edge backend APIs, and sleek frontends.

I excel at transforming brownfield projects into modern, scalable systems while championing best practices and stakeholder collaboration. I bring a talent and maturity that exceeds my years.

## 💼 Employment History

### Software Engineer at Investec, Sandton, Johannesburg

January 2024 — Present

#### Full Stack Developer – Private Companies Client Digital Experience, UK

I thrive at the intersection of technology and client satisfaction, driving innovation as part of an agile team in the Private Companies Client Digital Experience space. My role is to design, develop, and maintain cutting-edge applications tailored for end users, ensuring seamless performance and intuitive interfaces.

From crafting new, dynamic client-facing systems to refining and scaling existing platforms across the organization, I play a pivotal role in shaping Investec's digital landscape. Collaborating closely with product teams, I help deliver rich, interactive applications that empower users to master their data and streamline their processes.

Every line of code I write isn't just a solution—it's a step toward redefining what's possible in digital experiences.

### Software Developer at ChannelCenter, Remote

May 2023 — January 2024

#### Full Stack Developer (React/.NET) – Empowering Innovation in an Azure Cloud Environment

As a Full Stack Developer, I specialize in creating exceptional digital experiences by harnessing the power of React, TypeScript, .NET, and Azure. On the front end, I craft dynamic, responsive interfaces that ensure seamless user interactions, combining design finesse with flawless functionality.

## Details

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South Africa

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## Links

[LinkedIn](#)

## Skills

HTML & CSS

.Net

C#

Node.js

React

CSS

JavaScript

Git

SQL

Azure

On the backend, I employ the latest best practices in C# and .NET to build secure, efficient, and scalable APIs that drive innovation and performance. Leveraging Azure's robust cloud ecosystem, I seamlessly deploy, monitor, and optimize applications, ensuring they deliver reliability and excellence at scale.

Beyond code, I play an active role in agile ceremonies, from sprint planning and backlog refinement to retrospectives. I contribute not just to the development process but also to fostering team collaboration and elevating productivity.

Every project is an opportunity to push boundaries, create impact, and shape the future of cloud-powered digital solutions.

### **Software Developer at NML, Cape Town**

August 2022 — May 2023

#### **Software Developer – Mastering Back-End Excellence, Front-End Versatility, and Azure Expertise**

Starting at NML as a Software Developer, I built a strong foundation in backend development using .NET, my core strength. Over time, I've expanded my skillset, mastering React for front-end innovation and diving into Blazor to deliver modern, web-based solutions. My journey also includes hands-on expertise with Azure, where I've configured build/release pipelines, managed resource groups, and optimized app services for efficient cloud operations.

Here's a snapshot of the impactful roles I've held via NML:

#### **Analyst Developer at FNZ:**

- Developed robust solutions, ensuring all builds passed rigorous developer tests with recorded evidence.
- Collaborated with architecture teams to design efficient, fit-for-purpose solutions, reusing existing resources to avoid overengineering.
- Maintained high standards through disciplined code review and development principles.
- Partnered closely with Analyst Testers to jointly own stories to completion, resolving defects and meeting all definitions of done (DoDs).
- Delivered walkthroughs of solutions for internal stakeholders and occasionally for clients.

#### **Software Developer at Stor-Age:**

- Demonstrated strong technical proficiency across the stack, contributing effectively to development and support tasks.
- Resolved support issues promptly and ensured assigned work items were meticulously updated with relevant statuses and comments.
- Played an active role in build and release processes, addressing issues to maintain seamless operations.
- Actively participated in scrum ceremonies, fostering communication and collaboration within the team.

I bring a combination of technical depth, collaborative spirit, and a continuous drive to enhance both my skills and the solutions I deliver. From backend reliability to front-end innovation and cloud scalability, I thrive in crafting impactful digital experiences.

## **Software Developer at OUTsurance, Centurion**

December 2019 — July 2022

### **.NET Developer – Innovating Insurance Solutions with Expertise in Integration and Scalable Architecture**

As a .NET Developer on the LifeF2F team at OUTsurance, I've played a key role in delivering impactful life insurance products that meet diverse client needs. My journey began with the successful launch of the Shoprite and OUTsurance Funeral Cover product ([Shoprite Funeral Cover](#)), a project that honed my skills in external integrations, coding standards, and best practices, with a strong focus on .NET Core APIs.

Since joining OUTsurance, I've expanded my technical repertoire to include:

- **Backend Mastery:** Building robust and scalable APIs using C# and .NET Core.
- **Frontend Innovation:** Enhancing user experiences with Angular for clean, responsive designs.
- **Azure DevOps Expertise:** Managing pipelines, deployments, and optimizing processes for continuous delivery.
- **Data Management and Architecture:** Applying architectural patterns to create maintainable, high-performing solutions.

Every project reinforces my ability to bridge technology and business goals, delivering reliable systems that drive success in the fast-paced insurance landscape. I thrive on solving complex problems, whether through integration, architecture, or creating seamless user experiences.

## **WeThinkCode at Technical Mentor, Johannesburg**

November 2018 — December 2019

### **Technical Mentor – Guiding the Next Generation of Developers**

I had the privilege of serving as a technical mentor for a group of six first-year students in the WeThinkCode program. Over a two-month period, I monitored their technical progress and fostered a supportive environment to address both their professional and social development. My focus was on equipping them with the skills and confidence needed to thrive in the program and beyond.

This mentorship role concluded earlier than anticipated as I successfully completed the WeThinkCode program six months ahead of schedule. My accelerated progress caught the attention of OUTsurance, who, following an exceptional internship, extended an offer for me to join their team as a permanent developer immediately.

This experience not only demonstrated my technical capabilities and leadership but also underscored my ability to exceed expectations and seize new opportunities.

## IT Intern at OUTsurance, Centurion

February 2019 — June 2024

### Junior Developer – Building a Foundation in Tech with OUTvest (Recently acquired by AlexForbes)

My first foray into the tech industry was with the OUTvest team, where I immersed myself in learning and exploration. This invaluable experience allowed me to work across different aspects of development, broadening my technical foundation:

- **Mobile Development:** Gained hands-on exposure to Xamarin, contributing to mobile app development within the team.
- **Web Development:** Assisted the web team with SQL scripting and streamlined processes through contract generation automation.

This role was pivotal in kickstarting my IT career, offering me the opportunity to develop a well-rounded skill set and spark my passion for solving real-world challenges through technology.

## 🎓 Education

### Software Engineer, WeThinkCode\_, Johannesburg

May 2018 — December 2019

#### WeThinkCode – Building a Solid Foundation in Software Engineering

I attended WeThinkCode, a highly regarded coding bootcamp based on the globally renowned 42 Schools curriculum. During my time there, the focus was on mastering the fundamentals of software engineering through the **C programming language**. We tackled various projects in C, which provided a deep understanding of low-level programming concepts and sharpened my problem-solving skills.

The program's **peer-to-peer learning environment** meant that progress was entirely self-driven—an aspect I thoroughly enjoyed. With no prior experience in IT or software development, the journey was challenging at first. However, through persistence and hard work, I not only succeeded but also completed the program **six months ahead of schedule**.

Since my time at WeThinkCode, the curriculum has evolved, and students now learn Python as their primary language. While Python is versatile and beginner-friendly, I believe starting with C remains an excellent foundation for software engineering. It instills discipline and a deep understanding of computational thinking, which has continued to benefit me throughout my career.

### BSc Geology, University Of Pretoria, Pretoria

January 2013 — December 2017

#### Bachelor of Science in Geology – Embracing a Love for the Natural World

My journey into formal education began with a deep appreciation for the outdoors and a curiosity about how the natural world works. Initially pursuing a degree in Engineering Geology, I transitioned to a BSc in Geology, which aligned perfectly with my passions.

Studying in Hatfield was an incredible experience. It wasn't just about academics—it was a period of personal growth, discovery, and learning to embrace challenges. Through my studies, I sharpened my skills in **determination and resilience**, pushing through obstacles to achieve success.

Completing my degree was not without its hurdles, but it stands as a proud testament to my hard work and perseverance. This chapter of my life solidified my love for understanding the intricate systems of our planet and continues to inspire me today.