

Siyanda Mtamo

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Port Elizabeth, Eastern Cape, South Africa

PROFESSIONAL SUMMARY

Senior Software Developer with 5+ years delivering C# and .NET Core applications across manufacturing, logistics, finance, retail, and telecoms. Architect of Arksoft's foundational .NET Core / ASP.NET Core platform - used as the base for all new product development across the company's client portfolio. Deep experience in RESTful API design, integration, and security; SQL Server and Entity Framework Core; and full-stack delivery with React, Angular, and ASP.NET MVC. Former Development Manager at SABiSS in East London, where I led teams, mentored junior developers, and designed migration roadmaps from legacy ASP.NET to modern microservice architectures. Apply GenAI-assisted development tools and Python-based agentic orchestration to improve delivery speed, automate quality enforcement, and modernise software workflows. PHP, Agile, Scrum, and CI/CD practitioner with hands-on Git-based pipeline experience.

CORE COMPETENCIES

C# / .NET Core / ASP.NET MVC

RESTful API Design & Security

SQL Server / Entity Framework Core

React / Angular / TypeScript

GenAI-Assisted Development

Technical Leadership & Mentoring

Agile / Scrum / CI/CD

PHP / Python / Agentic Orchestration

WORK EXPERIENCE

Arksoft Mar 2026 - Present

Senior Full Stack Software Developer

Port Elizabeth, Eastern Cape - On-site

- Architect and lead developer of core .NET Core / ASP.NET Core platform; defines architectural standards, Entity Framework Core conventions, and API security patterns adopted across 8+ verticals (manufacturing, logistics, finance, agriculture, FMCG, exports, robotics, telecoms, retail).
- Design, develop, and consume **RESTful APIs** for integration with internal and external systems; enforce security practices, scalability requirements, and coding standards through structured code reviews.
- Build and maintain **ASP.NET Core (.NET 6/7/8)** web applications; write unit and integration tests; conduct code reviews and mentor junior developers to raise team capability.
- Design and deploy **GenAI-assisted development workflows** including agentic orchestration layers, inter-session coordination systems, and observability pipelines that measurably improve delivery speed and automate quality enforcement.
- Drive technology adoption and new engineering initiatives across Arksoft development departments; stack-agnostic delivery using AI harness engineering.

Arksoft May 2024 - Mar 2026

Intermediate Full Stack Software Developer

Port Elizabeth, Eastern Cape - On-site

- Built and maintained production web applications in C#, .NET Core, and Blazor; debugged and resolved system performance issues in production environments.
- Conducted peer code reviews enforcing coding standards, security practices, and scalability requirements.
- Mentored junior developers and interns on .NET Core architecture, Agile best practices, and system design patterns.
- Participated in daily stand-ups, sprint planning, and Scrum ceremonies to ensure timely project delivery.

SABiSS

Mar 2023 - Feb 2024

HRPM Development Manager

East London, Eastern Cape · On-site

- Led HRPM product development team; managed partner interactions and maintained high service delivery standards.
- Provided **technical leadership and mentoring** across the team, fostering high code quality and a collaborative, innovative environment.
- Designed roadmaps for system upgrades and technology transitions from legacy ASP.NET to modern microservice architectures.

SABiSS

Mar 2022 - Feb 2023

Senior Full Stack Developer

East London, Eastern Cape

- Led migration from legacy ASP.NET system to a modern microservice architecture.
- Mentored junior developers and provided technical leadership on system design decisions.
- Designed internal automation tools to reduce repetitive tasks and improve system efficiency.

SABiSS

Oct 2020 - Feb 2022

Junior to Intermediate Full Stack Developer

East London, Eastern Cape

- Built features in C# and React, focused on backend integrations and system scalability improvements.
- Participated in code reviews, debugging sessions, and cross-team collaborations.

Freelance

2019 - Present

Lead Developer & UI/UX Designer

- Built subscription learning platform (Anytime Tennis With Steve) using C# backend, Next.js frontend, and Vimeo API content streaming; deployed on DigitalOcean with GitHub CI/CD pipeline.
- Designed and developed bi-directional **RESTful API integration** for Click360 e-commerce (WooCommerce product/order sync; generic architecture reused for third system).
- Managed full project lifecycles from requirements gathering through Agile/XP SDLC to deployment and ongoing support.

SELECTED PROJECTS

Arksoft Core Platform Enterprise

Foundational .NET Core / ASP.NET Core platform powering all Arksoft product development. Architect and lead developer. Defines EntityFramework Core conventions, API security patterns, and CI/CD standards adopted across 8+ industry verticals.

C# · .NET Core · ASP.NET Core · SQL Server · Entity Framework Core · Azure DevOps

HRPM Companion App Live · Play Store

Mobile clocking application with geo-location, bidirectionally syncing with the existing ERP system. Full-stack ownership: mobile frontend, C# Core API backend, database design, and deployment.

.NET MAUI · C# · REST API · SQL Server · GitHub CI/CD

Standard Bank Internal Project Enterprise

Lead developer on contracted internal project at Standard Bank. Stakeholder coordination across departments, architecture design (frontend + backend), and full-stack delivery solo - on time across a 3-month engagement.

AWS · .NET · Angular · REST API

Anytime Tennis With Steve Live

Subscription-based learning platform with Vimeo API content streaming, subscription management, and automated CI/CD deployment. Live at anytimeenniswithsteve.com.

C# Backend · Next.js · DigitalOcean · GitHub CI/CD · Vimeo API

EDUCATION

BSc in Information Technology **Pearson Institute of Higher Education**

2017 - 2020

National Senior Certificate (Matric) **West Bank High School**

2012 - 2016

CERTIFICATIONS

No formal certifications - continuous learning via project delivery, AI systems engineering, and hands-on platform architecture.

SKILLS

Backend / .NET: C# (v4-12), .NET Core (.NET 6/7/8), ASP.NET MVC / Core, Entity Framework Core, Blazor, .NET MAUI, gRPC, Telerik Reporting

Languages: C#, PHP, Python, JavaScript, TypeScript, SQL, Java, HTML5

Frontend: React (Next.js), Angular, TypeScript, SCSS / CSS / Tailwind, Bootstrap

Data: SQL Server, MySQL, SQLite, stored procedures, database design & optimisation

Cloud / DevOps: Azure, AWS, Docker, GitHub CI/CD, Azure DevOps, Kubernetes

AI Systems: GenAI-assisted development, agentic orchestration, multi-agent systems, observability pipelines, lifecycle hook systems

Reporting: SQL Server Reporting (SSRS-compatible), Telerik Reporting, PowerBI-adjacent analytics

Methodology: Agile, Scrum, code review, technical mentoring, unit & integration testing, CI/CD, Git