

Onesmus Manasseh Ziki

SENIOR FULL STACK, DEVOPS & SRE ENGINEER

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Experience: 6+ Years Technical Experience

PROFESSIONAL SUMMARY

Performance-driven **Senior Full Stack Engineer, DevOps, and Site Reliability Engineer (SRE)** with over 6 years of professional experience architecting, scaling, and deploying highly resilient enterprise web applications. Highly proficient in frontend architecture using **React.js/Next.js** alongside backend services built with modern **C# 11, .NET 10, and MS SQL Server**. Highly skilled in E-Commerce ecosystems across enterprise architectures, having built complex digital platforms using **Magento, Shopify, and WooCommerce**. Bridges the gap between development, quality assurance, and automated infrastructure by implementing robust **CI/CD pipelines, containerization schemas, and intelligent cloud monitoring systems** across Azure environments. Proven track record of leveraging test-driven development (TDD), optimizing infrastructure bottlenecks, and engineering high-availability pipelines within fast-paced Agile frameworks.

CORE TECHNICAL SKILL MATRIX

Frontend Engineering	React JS (Hooks, Context API), Next.js, Blazor (WebAssembly/Server), JavaScript, TypeScript, Angular, HTML5, CSS3, Tailwind CSS, SASS/SCSS, Bootstrap 5, Redux Toolkit, Recoil, WebFlow
Backend & Databases	C# 11, .NET 10, ASP.NET Core, RESTful APIs, GraphQL, Node.js, Python, PHP, Laravel, MS SQL Server, NoSQL Database Schemas, Entity Framework Core, IIS Hosting, cPanel
E-Commerce Platforms	Magento Enterprise, Shopify Plus, WooCommerce Customization, Payment Gateways Integration, Inventory Synchronization Pipelines
DevOps, Cloud & SRE	Azure Web Apps, Azure Functions, Azure SQL, CI/CD Automated Pipelines (GitHub Actions / Azure DevOps), Docker Containerization, Kubernetes Orchestration, Infrastructure as Code, Logging & Site Reliability Monitoring
Testing & Quality	Test-Driven Development (TDD), Jest, Cypress, Playwright, xUnit, NUnit, Automated Code Coverage Profiling, Cross-Browser Compatibility Engineering
CMS & Marketing Tech	Strapi, Contentful, Headless WordPress, Drupal, Joomla, Technical SEO Optimization Strategy, Google Analytics, Search Console, Google Data Studio, Figma, Adobe Suite

PROFESSIONAL EXPERIENCE

Full Stack Developer (Acting Senior / DevOps & SRE Lead)

Flash Group

Tech Stack: C# 11, .NET 10, Blazor, React, React Native, TypeScript, MS SQL Server, Azure Cloud, Docker, GitHub Actions, Jest, Cypress, Strapi, WebFlow, Headless WordPress

- Architected and modernized business-critical distributed applications utilizing **C# 11, .NET 10, and Blazor (WebAssembly/Server)**, resulting in a 35% reduction in backend processing overhead via asynchronous streams and enhanced pattern matching.
- Driven the technical implementation of responsive micro-frontends built with **React JS, Next.js, and Redux Toolkit**, drastically boosting user engagement metrics and improving mobile layout visibility across Core Web Vitals by 40%.
- Spearheaded the organization's migration to localized **Dockerized container configurations**, establishing standard **CI/CD pipelines** using GitHub Actions that removed code friction and lowered deployment failure rates by 60%.
- Designed, tuned, and refactored relational database schemas within **Microsoft SQL Server**, engineering complex queries, stored procedures, and high-performance indexes to sustain intense parallel read/write pressures.
- Implemented centralized SRE logging structures inside **Azure Cloud** using custom alert rules and Log Analytics infrastructure, lowering the engineering team's Mean Time to Detection (MTTD) of service faults down to under 3 minutes.
- Maintained enterprise decoupled configurations with **Strapi, Contentful, and Headless WordPress**, linking edge applications to high-speed secure RESTful APIs and GraphQL data networks.
- Enforced rigorous test-driven development (TDD) principles by delivering custom test frameworks with Jest, Cypress, and xUnit, elevating overall repository code verification metrics beyond 85%.

Software Developer (Full Stack & E-Commerce Core)

Webaholics

Cape Town, South Africa

July 2019 — December 2021

Tech Stack: Magento, Shopify, WooCommerce, React, JavaScript, C#, ASP.NET Core, PHP, Laravel, MS SQL Server, WordPress, SASS, Bootstrap, Google Analytics, Data Studio, cPanel

- Engineered and deployed robust, transactional digital commerce architectures utilizing **Magento, Shopify, and WooCommerce**, integrating multi-vendor payment gateways and automating complex warehouse inventory sync workflows.
- Built custom full-stack solutions for public web portals, engineering scalable UI modules with **React and JavaScript** on top of highly performant **ASP.NET Core** backend logic.
- Developed structured, componentized visual designs utilizing **SASS/SCSS and Bootstrap 5**, transforming static multi-device design compositions into fully scalable, pixel-perfect frontend layouts.
- Designed and executed comprehensive **Technical SEO optimization frameworks**, combining system performance upgrades, advanced link profiling, and microdata setups to drive organic consumer visibility.
- As an active Agile contributor, took on responsibility for scoping technical requirements, resolving code bottlenecks, and running pair programming workshops to help mentor incoming junior developers.

Front End Developer & UI/UX Designer

Artificial Studios

Cape Town, South Africa

January 2019 — June 2019

Tech Stack: PHP, Laravel, HTML5, CSS3, Bootstrap, WordPress, GitHub, Figma, Adobe Photoshop, Illustrator

- Designed initial architectural wireframes and interactive visual prototypes within **Figma and Adobe Creative Suite**, getting clear design alignment from stakeholders prior to coding.
- Turned mockups into completely fluid, responsive code using **HTML5, CSS3, and Media Queries**, assuring cross-browser layout consistency and solid layout response behaviors across all form factors.
- Collaborated with engineering leads to blend frontend layouts with backend application servers using **PHP and Laravel**, establishing clean input sanitation to guarantee site structural integrity.

Front End Designer & CMS Administrator

Cape Town, South Africa

Unwembi Communications

March 2018 — December 2018

Tech Stack: HTML5, CSS3, JavaScript, PHP, WordPress, Joomla, Drupal, Bootstrap, Adobe XD, Illustrator, InDesign, Photoshop

- Supervised the infrastructure integrity, performance, and updates for enterprise multi-CMS architectures running **WordPress, Joomla, and Drupal**, building custom themes and security rules.
- Designed high-converting transactional graphics, optimized corporate email templates, and built digital brand layouts, using traffic analytics to continually test and refine layout structures.

Web Graphics Designer & Systems Support Specialist

Cape Town, South Africa

Esquire Systems Technology

February 2016 — February 2018

Tech Stack: HTML5, CSS3, JavaScript, Bootstrap, C#, Umbraco, Adobe Photoshop, Illustrator, Windows Server, Network Routing

- Created optimized corporate web graphics, advertising layouts, and customized storefront designs, styling presentation layouts with cross-browser compatible **HTML5 and CSS3**.
- Maintained backend structures and template files for business platforms running on **Umbraco CMS** platforms, expanding core logic blocks with C#.
- Provided organization-wide technical operations assistance, diagnosing local network routing issues, provisioning new server environments, and configuring secure mail pipelines to ensure maximum operational runtime.

CERTIFICATIONS & CONTINUING EDUCATION

CS50's Introduction to Computer Science	edX / Harvard University	June 2021
Python Programming Fundamentals	Huawei	August 2021
Advanced Google Analytics & Analytics Individual Qualification	Google	Nov — Dec 2019
Microsoft Advertising Certified Professional	Microsoft	January 2020
IAB Digital Marketing and Media Foundations Certification	Google	February 2020
Android Enterprise Professional	Android Enterprise	December 2019
Google Web Designer Basics Certification	Google	December 2019
Foundational Learning Competence	IEB	February 2021