Ngazani Gamede

SOFTWARE ENGINEER

Johannesburg | 071 885 2478 | ngazanig@gmail.com | Portfolio

Professional Summary

Results-driven Software Engineer with a strong background in full-stack development using **.NET 7+, Laravel, and Vue.js**. Skilled in building scalable APIs, modern frontends, and automating infrastructure with **Docker, Azure, and CI/CD pipelines**. Experienced in leading end-to-end delivery, from system design and server provisioning to deployment and monitoring. Proven track record improving performance and workflow efficiency across enterprise projects for clients like **AVBOB** and the **Presidential Climate Commission**. Passionate about clean architecture, automation, and turning complex problems into maintainable solutions.

Skills

Languages: C#, PHP, JavaScript, SQL, HTML, CSS
Frameworks: .NET 7+, Laravel,Vue.js
DevOps & Tools: Azure DevOps, Docker, Git, Bitbucket, Postman, GitHub Actions, CI/CD
Infrastructure: Windows & Linux server provisioning and configurating, DNS record management, SSL certificate installation (CSR, binding), Internet Information Services (IIS)
Concepts: RESTful APIs, MVC Architecture, SOLID Principles, OOP, Agile, Unit Testing
Databases: SQL Server, MySQL (design, setup, migration, remote access configuration)
Cloud: Microsoft Azure (deployment, pipelines, monitoring)

Professional Experience

SURVEYA | Software Engineer   **2024-Present**

- Developed ESG platform for AVBOB to automate data collection, compliance tracking and reporting across all pillars of the ESG (Environmental Social Governance), using .NET 7 Web Api and Vue.js.

- Spearheading development of Surveya's AI Form Builder and Interviewer, actively participating and overseeing architecture, implementation, and team coordination.

- Developed the JET Funding Platform for the Presidential Climate Commission using NEXT.JS, Docker, MySql, Graphiql, Platformatic and Linux Server.

- Improved reporting turnaround time by 40% on JET Funding Platform for the Presidential Climate Commission by building an inhouse platform to pull the usage metrics of the platform by integrating DigitalOceans Monitoring API.

- Implemented CI/CD pipelines with GITHUB.

- Provisioned Windows & Linux servers; configured DNS, SSL, and remote SQL Server access.

- Set up Docker environments for streamlined development and deployment.

- Installed and configured IIS for .NET application hosting in production.

ADEI | Junior Software Engineer   **2023-2024**

- Developed and hosted analytics dashboards for WhatsApp bots using vanilla HTML, CSS, JS and PHP

- Developed a credit tracking tool integrating external APIs for financial data.

- Deployed applications on Windows Servers, shared hosting servers and managed multiple remote Microsoft SQL Server instances.

Dikgabo IT Solutions| Intern Software Engineer 2021-2022

- Replaced paper-based inventory and customer systems with digital platform using C# WPF and MSSQL.

- Automated end-of-day reporting, reducing manual input by 90%.

- Designed and migrated databases to SQL Server, including setup of remote access for distributed users.

- Built internal dashboards and setup servers accessible via LAN.

Freelance Software Engineer | Jan 2021 – Present

- Developed and hosted fully responsive websites for clients like Auragen (Data Analytics).

Education

IIE Rosebank College DIP Software Development   **2022**
Major: Software Development | Minor: Business Intelligence

Core Competencies

- Clean Code & SOLID Principles
- Agile & Scrum Methodologies
- Server Provisioning & Remote Access Setup
- System Design & Architecture
- CI/CD Pipeline Automation
- SSL, DNS, and IIS Configuration
- Team Collaboration & Communication
- Continuous Learning & Growth Mindset