

DANIEL IRUNGU

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EXPERIENCE

NOVEMBER 2019 – PRESENT

SOFTWARE DEVELOPMENT ENGINEER, TECHNOBRAIN GLOBAL MICROSOFT ENGINEERING CENTER, NAIROBI

Key Achievements

- Designed and developed **C# .NET Core** applications and **Web APIs** to analyze and monitor metrics collected from various data repositories, aggregate and report, ensuring compliance with our Service Level Agreements (SLAs).
- Implemented automated notification system to alert stakeholders promptly if metrics deviated from SLA thresholds. Resulted in a **25% reduction** in SLA violations and improved overall efficiency in monitoring and managing metrics.
- Developed highly responsive and user-friendly **React** web applications utilizing the **Next.js** framework to interface with our exposed **Web APIs**. Enhanced user experience and accessibility by implementing dynamic data rendering and seamless navigation. Resulted in a 20% increase in user engagement and overall satisfaction with the platform.
- Improved application uptime by **20%** through the implementation of telemetry, monitoring, and alerting functionality via **Azure Application Insights**, ensuring adherence to Service Level Objective and Agreement with our customer.
- Enhanced metric monitoring efficiency by **30%** through the development of **Business Intelligence (BI)** reports for Privacy team Health Metrics using **M** language, **DAX**, and **SQL**, facilitating data-driven decision-making processes.

SEPTEMBER 2016 – NOVEMBER 2019

SOFTWARE ENGINEER, GRANULAR IT, NAIROBI

Key Achievements

- Facilitated access to events hosted by pharmaceutical companies like Merck and AstraZeneca, resulting in a **40% increase** in attendee registrations through the development of **web and mobile-based platforms** providing seamless ticketing and information dissemination.

- Increased provision of healthcare by **building .NET MVC web platforms** for pharmaceutical companies such as AstraZeneca.
- Enabled our clients to access healthcare education by **building and maintaining** a video conferencing education platform built in **React** and **.NET Core** to connect medical innovators and world leading educators.

MAY 2016 – AUGUST 2016

TEST AUTOMATION ENGINEER, GRANULAR IT, NAIROBI

Key Achievements

- Reduced **testing time by 50%** and improved software quality by automating testing of company's main web services using **Specflow** and **Selenium**, resulting in a **30% decrease in regression issues**.
- Improved quality of software solutions by reducing time for **regression testing** and confidence of the **quality of code** generated.

EDUCATION

MAY 2016

BACHELOR OF COMPUTER SCIENCE, KARATINA UNIVERSITY

Second Class Upper Division

SKILLS

Languages – C#, Python, Typescript, Javascript, HTML, CSS

Frontend – React, Angular, Next.JS

Backend – .NET core, .NET Web API, .NET MVC, Django, Flask, Blazor

Source Control – GIT, VSTS (Microsoft Visual Studio Team System), MS Team Foundation Server

Databases – SQL, MySQL, Kusto, azureStorage

Azure- Azure Functions, Azure Logic Apps, Power Automate, Power Bi

Azure VSTS, Azure DevOps, Azure Build and Release Pipeline, Azure artifacts