Joseph Justus, Software Developer

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LINKS

LinkedIn, GitHub

PROFILE

Experienced software and web developer skilled in all facets of advanced web development, with expertise spanning UI design, testing, and debugging processes. Proficient in the complete lifecycle of web systems, from design and installation to testing and maintenance. Possesses a diverse and promising skill-set, demonstrating proficiency in technologies such as Java, ASP.NET, React, C#, IIS, Angular, and Microsoft SQL Server. Adept at effective self-management in independent projects and collaborative teamwork

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EMPLOYMENT HISTORY

Jun 2024 — present

Software Developer, Ed Partners Africa Limited — Nairobi

My Current Responsibilities are:

- Created a RESTful API that allowed for easy integration with third-party services
- Developed an API that automated data collection and analysis, resulting in a 25% increase in productivity
- Implemented automated testing that increased code coverage to 48%, reducing the number of production issues by 70%
- Developed a CI/CD pipeline that reduced deployment time from 3 days to 2 hours
- Optimized database queries to improve system performance by 80%
- Created a Continuous Integration/Continuous Deployment (CI/CD) pipeline that reduced time-to-deployment from 2 days to less 30 minutes
- Developed a chatbot that reduced customer support inquiries by 60%
- Developed a secure authentication system that reduced user account hacking attempts by 98%
- Developed a mobile application with a user-friendly interface that improved customer engagement by 75%
- Collaborated with designers to create a visually appealing user interface.

Environment Visual Studio, Visual Studio Code, NET Core Framework, and C#.NET. HTML5. Entity Framework, Agile, Webservices, AJAX, Windows. REACT, JavaScript, and CSS. SQL Server, Bootstrap. Web API. IIS, jQuery, GitHub, Python, Nodejs, Flutter, Json, XML.

Mar 2023 — Jun 2024

Software Developer, Fintech Group Kenya — Nairobi

My role involved:

- Lead seamless integration efforts between payment systems and T24, ensuring robust communication and data exchange.
- Apply expertise in XML to efficiently structure and manage data, optimizing processing and transmission in the payment systems environment.
- Design, develop, and maintain high-performance web applications for an enhanced user experience within the payment systems landscape.
- Leverage ADO.NET for efficient data access and manipulation, contributing to the stability and performance of critical payment-related applications.
- Play a key role in developing and deploying scalable Software as a Service solutions for payment systems.
- Utilize the .NET Framework to architect and optimize payment system components, ensuring adherence to industry standards.
- Seamlessly integrate React.js into web applications, enhancing the user interface and overall experience for payment-related platforms.
- Engage in advanced C# development to create and maintain critical features, modules, and functionalities within the dynamic payment systems ecosystem.
- Develop and oversee the maintenance of RESTful web services, fostering efficient communication and interoperability across payment system components.

Environment Visual Studio, Visual Studio Code, NET Core Framework, and C#.NET. HTML5. Entity Framework, Agile, Webservices, AJAX, Windows. REACT, JavaScript, and CSS. SQL Server, Bootstrap. Web API. IIS, jQuery, AZURE DEVOPS, GitHub, T24, Cheque Payment system, Mandates.

| Aug 2021 — Mar 2023 | **Software Developer, Bright soft Technologies Ltd** | Nairobi |

My roles are as outlined below:

- Integrating Microsoft Dynamics Business Central/NAV & CRM with external interfaces through REST and SOAP APIs using C# class libraries
- Developed classes in Business Layer and in Data Access Layer in C #
- Developed Business Logic classes for Transaction Module using Business Services
- Used Web Forms controls and Custom User Controls to provide a standard interactive user interface and used LINQ for web-page development.
- Created database objects using SQL Server, including complex stored procedures, DTS packages, triggers, cursors, tables, and views, and other SQL joins and statements for applications. UI Designing, Development and Testing of Web Forms using ASP.NET, C#, XML ADO.NET and.NET Framework
- Deployment of Web services for online transactions using C# and exposing them through SOAP and HTTP implemented Exception Handling, Logging, and Validation of incoming requests.
- Used Asynchronous JavaScript and XML (AJAX) techniques to improve the performance of the portal.
- Web Application Development using Ui Tools (HTML, CSS, JavaScript, Ajax, JSON, jQuery)

Environment Visual Studio, NET Core Framework, and C#.NET. HTML5. Entity Framework, Agile, Webservices, AJAX, Windows. Angular, JavaScript, and CSS. SQL Server, Bootstrap. Web API. IIS, jQuery, Jira, GitHub, Jenkins.

| May 2020 — Oct 2020 | **Junior Developer, Intermass Technologies EA ltd** | Nairobi |

- maximizing applications' efficiency, data quality, scope, interoperability, and flexibility.
- They used various ideas from distributed computing, large-scale design, real-time data processing, and data storage to solve challenging dataset problems.
- managed, optimized, and updated PHP databases as necessary.
- Developed app integration with REST/SOAP and other APIs for Google Maps, social media logins, payment processors, and other services.
- It utilizes the latest software development tools, techniques, and approaches.

Environment: Java, PHP, ASP.NET MVC .NET Framework, C #, Git Android Development

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PROJECTS

| Jan 2022 — Mar 2022 | **Leave Management System** | Closed Source |

A web application for managing employee leave information built using .NET Technologies. Employees can apply for leaves and send for approval to the HR manager, view previous leaves. Approval notifications are sent to the approvers set up in the approval users setup for the maker checker. The employees are also notified of approvals. The application uses Google Calender API to get the list of public holidays in Kenya.

Tools used: C#, J-query,JavaScript,DevExpress UI controls, ADO.NET, MySQL Database,Entity Framework,Dynamic NAV,Web Service ,Window Service,XML,JSON

| Oct 2021 — Nov 2021 | **PESALINK2.0** | Closed Source |

Intergration of stima sacco to Family Bank through PESALINK using ISO20022 which is current

Tools used: C#, DevExpress UI controls, ADO.NET, MySQL Database,Dynamic NAV,Web Service ,Window Service,SSD,XML,JSON

| Feb 2020 — May 2021 | **GRUB Messeger** | Open Source |

Mobile Application for Fitness ;Its main Aim is to provide users fitness details depending on what he/she consumes

Tools used:Angular ,Ionic,Firebase Database

| Nov 2021 — Dec 2021 | **KCBRedcross API** | Close source |

Intergration of REDCROSS to KCB through api for encryption of payment file using GPG key

Tools used: C#, DevExpress UI controls, ADO.NET, MySQL Database,Dynamic NAV,Web Service ,Window Service,SSD,GPG,JSON

| Nov 2023 — Jan 2024 | **NCBA TZ T24 Application** | Dar es Salaam |

T24 is a versatile banking software providing core banking functionality, including managing customer accounts, transactions, and various financial products. Its modular architecture allows for customization, and it offers seamless integration, multichannel support, regulatory compliance, scalability, and features for risk management and analytics

Tools used: C#, ADO.NET, Database, Web Service, Window Service, SON

| Jun 2023 — Dec 2023 | **AML RULE BASE ENGINE, CLOSED SOURCE** | Kampala |

Real-time monitoring of financial transactions, applying predefined rules to detect suspicious patterns, generate alerts, assign risk scores, facilitate investigations, integrate with diverse data sources, and ensure regulatory compliance, offering financial institutions a comprehensive solution to prevent money laundering activities

Tools used: C#, ASP.NET, ADO.NET, SQL Database, Web Service, Window Service, SON

EDUCATION

| Sep 2016 — Dec 2020 | **Bachelor of science in Business Information Systems, Jaramogi Oginga Odinga University of Science and Technology** | |
| | Achieved Second Class Upper | Bondo |

| Jan 2012 — Nov 2015 | **KCSE, Chogoria Boys High** | Chogoria |
| | Attained B+ | |

SKILLS

Fast Learner	Expert	React	Experienced
PHP	Experienced	Python	Skilful
HTML & CSS	Expert	Java	Expert
Git	Expert	C#	Expert
Communication Skills	Expert	Microsoft Dynamics NAV	Experienced
JavaScript	Experienced	jQuery	Expert
MySQL	Expert	AZURE DEVOPS	Experienced
SQL	Experienced	ASP.NET	Expert

LANGUAGES

| English | Highly proficient | Swahili | Highly proficient |

COURSES

| May 2024 — May 2024 | **AZ-204 - Developing Solutions for Microsoft Azure, - COMPUTER PRIDE LTD** | |