Obed Asante

Full Stack Developer

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Location: Edmonton, AB, Canada
Portfolio: https://obed-asante.github.io/Profile

PROFESSIONAL SUMMARY

- Motivated and hands-on Full Stack Developer with 10+ years experience specializing in Microsoft technology, including **C#, .NET Core, ASP.NET Core, and MSSQL**
- Expertise include developing enterprise systems, web solutions, and system optimization, with a focus on implementing security best practices and data caching for enhanced performance
- Experienced in using **Agile development methodology** to increase delivery speed and coordinating within a team environment, including **mentorship** of junior developers
- Possess strong analytical, problem-solving, and leadership skills

WORK EXPERIENCE

SENIOR SOFTWARE DEVELOPER   *Oct 2023 – Present*
CONTRACTING

- Delivered data-driven web development solutions for clients, including **Innorik and Rhema Systems**, using **ASP.NET Core, C#, and SQL Server**
- Built and secured REST APIs with Javascript Web Token (JWT), integrating third-party services like Google APIs
- Optimized application performance by implementing data caching to reduce load times
- Implemented security best practices including **authentication and authorization** in web applications
- Collaborated with cross-functional teams and managed client requirements, adhering to coding standards and ensuring timely delivery

SENIOR MANAGER, INFORMATION SYSTEMS   *Jan. 2018 – Oct. 2023*
STUDENTS LOAN TRUST FUND – ACCRA, GHANA

- Led the development of internal business applications using .NET, .NET Core, HTML5, JavaScript and its frameworks, ExtJS and MS SQL databases
- Under my watch the Students Loan Information System (SLIS) was completed, Students Loan Application System (SLAS) was developed from scratch and several other APIs to integrate between different systems and also to get data from third party institutions
- Utilized **Agile development methodology** for projects, resulting in a 30% increase in speed of delivery
- Developed the Students Loan Application System (SLAS) from scratch, which manages data for over 350,000 students and led to a **40% increment in loan repayments**
- Supervised the development of the mobile version of SLAS using Flutter which has been published to Google Play Store and Apps Store as SLTF Mobile
- SLIS being the main operational system also **increased the whole office efficiency by more than 50%**
- Led **API integration** with various systems, including Social Security and National Insurance Trust (SSNIT), PayAngel, GhanaPay, Agricultural Development Bank, Ghana.gov
- Reviewed codes of subordinates and **approved Merge Requests**

SOFTWARE DEVELOPER/ CONSULTANT   *May 2012 – Dec 2017*
RHEMA SYSTEMS & ASSOCIATES LTD – ACCRA, GHANA

- Involved in the Requirement gathering and all aspects of the Software Development Life Cycle for new applications to be developed
- Converted a Payroll application from Oracle forms to an ASP.NET Web Application
- Developed an in-house POS system by building a REST API with C#, .NET and a front-end with HTML, bootstrap and Javascript currently being used by Tigo Ghana and Senegal
- Developed reports in applications using Crystal reports and Microsoft reports
- Prepared implementation environment by installing and configuring SQL on the database server and pointing the application to it
- Implemented and supported Microsoft Dynamics Retail Management System (RMS) in Tigo Ghana, Chad, Senegal, DRC and Rwanda
- Developed add-ons on RMS using Windows Forms with VB6 and Visual Basic.NET
- Developed a VB.Net application to move sales data from RMS to Sun Accounting System
- Developed a .Net application for inter store inventory transfer instead of using the feature that came with RMS
- Integrated RMS with the SIM activation system by consuming XML Web Services via SOAP
- Troubleshoot to resolved system issues and continuous improvement

EDUCATION

- MSc. Information Technology, Sikkim Manipal University, India
- BSc. Computer Science, Kwame Nkrumah University of Science and Technology, Ghana

PROFESSIONAL CREDENTIALS

- LinkedIn Skill Assessment – C#, 19/06/2022
- LinkedIn Skill Assessment – T-SQL, 19/07/2022
- Microsoft SQL Server 2008 – Implementation and Maintenance, 13/11/2015

SKILLS

- **Core Languages & Frameworks:** C#, .NET, .NET Core, .Net Framework, LINQ, Entity Framework, Entity Framework Core, VB.Net
- **Front-End & UI:** ReactJS, Blazor, ExtJS, HTML, CSS, AJAX, Windows Forms
- **Full Stack & Architecture:** REST API, SOAP, API security using JWT, Microservices architecture, N-Tier Architecture, Design Patterns, SOLID Principles, Object Oriented Principles, Dependency Injection, Understanding of Blazor Server/WASM Http Pipeline and Web Socket Protocol
- **Databases & Tools:** MS SQL (T-SQL, Stored Procedures, Functions, Jobs, Triggers), Postgres SQL, Entity Framework, Entity Framework Core Tools & Migrations, ADO.NET
- **DevOps & Testing:** Azure, Agile Development Methodology, CI/CD, Git, GitHub, Azure Repo, Unit Tests with xUnit and MS Test, Postman, Swagger, Serilog for logging
- **Reporting Tools:** Microsoft RDLC, Crystal Reports
- **Project Management:** Jira, Azure Boards
- Excellent interpersonal and communication skills
- Sold analytical, problem-solving skills and decision making skills