

# MBIWAN MPANYOH TARH

## Senior C-Sharp | DotNET Software Developer

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### ABOUT ME

I'm a high-performing software developer with a passion for information technology. I have over 5 years of experience impacting positive organizational outcomes through Microsoft-centered products and solutions (Office 365, Azure, C#, DotNET ecosystem). I'm confident in my ability to collaborate with cross-functional teams to solve complex, high-stakes problems, as well as committed to continuous improvement and contributing to team success.

### TECHNICAL SKILLS & TECHNOLOGIES

**Scripting & Programming Languages** CSharp(C#) – Python – TypeScript – JavaScript – Html – CSS – Bootstrap 5 – React JS **Editors/IDEs** Visual Studio 2019 – Visual Studio Code **Environments** ASP.NET Framework – Standard – Core – 5.0 – 6.0 **Platforms** WPF – UWP – WinForms – Class Library – Web API – MVC – Razor Pages – Blazor Server – Blazor WASM **Back End** SQL Server – SQLite – MySQL – MongoDB – CosmosDB – Text Files – APIs – SQL Server Data Tools **ORMs** Linq & Lambdas – Dapper – Entity Framework & Entity Framework Core **Source & Version Control** Git – GitHub – Azure DevOps (TFS/VSTS) **Cloud** Microsoft Azure **Containerization Tools** Docker – Kubernetes – Azure Service Fabric **Industry Knowledge** SOAP – REST – XML – Async – Await – Logging – Data Validation – Authentication – Authorizations – Postman – HTTPRepl – Unit Testing – Algorithms & Data Structures – Systems Design – **Design Patterns** (DRY – Single Responsibility – Open-Closed – Liskov Substitution – Interface Segregation – Dependency Inversion – Dependency Injection) **Microservices** Azure Service Bus RabbitMQ gRPC Azure Event Hubs **Game Development** Unity Game Engine **Systems Design Skills** Microsoft Office 365 Word – Excel – Access – PowerPoint – Publisher – Teams – SharePoint – PowerPages.View My [ASP.NET Core Developer Roadmap 2022 and Beyond - Mbiwan Mpanyoh Tarh](#)

### PROFESSIONAL EXPERIENCE

September 2021 To Present	<b>IT Consultant   United Nations Convention To Combat Desertification (UNCCD) Capacity Development &amp; Innovation Office (CDIO) Bonn, Germany.</b> <ul style="list-style-type: none"><li>✓ Technical training of new interns as regards the CBMs content creation, uploading &amp; management.</li><li>✓ Facilitated all technical operations of the CBM site &amp; the new e-learning platform; ensuring that content and format are of the required standard</li><li>✓ Supported the technical design and development of new e-learning courses.</li><li>✓ Conducted a comprehensive review of the CBMs e-learning platform upon completion of the contract as well as handing in a formal report of what had to be done.</li></ul>
January 2020 To Present	<b>IT Consultant   J &amp; A Oben Foundation: Yaoundé, Cameroon.</b> <ul style="list-style-type: none"><li>✓ Designed, developed, implemented, and maintained the Foundation's website.</li><li>✓ Launched an MVP of CEFOPDIET's "The School of Nutrition &amp; Functional Foods" e-learning portal in-house for testing and iteration in view of it going operational this upcoming academic year 21/22.</li><li>✓ Maintenance of the foundation's on-premise infrastructure (Hardware and Software).</li></ul>
March 2016 To December 2017	<b>Junior Software Developer   DotNET Developer (Internship)   Unity Solutions, Buea – Cameroon</b> <ul style="list-style-type: none"><li>✓ Created a class library to be used as a middle layer that separates my database layer from my UI layer (WPF with MVVM) &amp; ASP.NET Core Razor Pages.</li><li>✓ Used Dapper extensively as my ORM due to its efficiency when it comes to Production.</li><li>✓ Created a minimum viable product for 2 UIs, a web-based application using ASP.NET Razor Pages, as well as a desktop application using ASP.NET windows presentation platform (WPF) with MVVM.</li></ul>
March 2014 To August 2014	<b>Junior Software Developer (Internship)   ENEO Cameroon (ACTIS Group), Douala – Cameroon</b> <ul style="list-style-type: none"><li>✓ Worked closely with software engineers and quality assurance personnel in the design, development, and testing of company software applications.</li><li>✓ Developed and managed the database of interns at ENEO during the specified period of my internship.</li><li>✓ Updated ENEO's organigram using both MS-Word &amp; MS-Visio, which was handed out to interns of other departments, to serve as part of the briefing documents</li></ul>

### PERSONAL PROJECTS (Highlights)

#### The Perfect C# Console Application – Enterprise Console & Desktop App

The web application enables us to create, archive, sort, search, filter, vote, and unvote suggestions from clients Built on Blazor Server and using MongoDB as our primary database. Introduced Site Caching for scalability reasons

#### Azure Service Bus Demo Application – Enterprise Console & Desktop App

The web application enables us to create, archive, sort, search, filter, vote, and unvote suggestions from clients

Built on Blazor Server and using MongoDB as our primary database. Introduced Site Caching for scalability reasons Built upon the free-to-use Azure Active Directory B2C authentication system.				
<b>Hotel Booking Application – Enterprise Web &amp; Desktop App</b> The web application enables us to create, archive, sort, search, filter, vote, and unvote suggestions form clients Built on Blazor Server and using MongoDB as our primary database. Introduced Site Caching for scalability reasons Built upon the free-to-use Azure Active Directory B2C authentication system.				
<b>Suggestion Site Application – Enterprise Web App</b> The web application enables us to create, archive, sort, search, filter, vote, and unvote suggestions form clients Built on Blazor Server using MongoDB Atlas as our primary database. Introduced Site Caching for scalability reasons Built upon the free-to-use Azure Active Directory B2C authentication system.				
<b>Retail Manager Application – Enterprise Web &amp; Desktop App</b> Consists of a desktop app that runs a cash register, handle inventory and manages the entire store. WPF & ASP.NET MVC that can log into the API. Used SQL Database (SSDT – SQL Server Data Tools) is our primary DB. Technologies used: WPF, ASP.NET MVC, .NET Core, Git, Azure DevOps, Design Patterns, Async, Reporting, WebAPI, Logging, Data validation, HTML, CSS, Javascript, Authentication.				
<b>DotNet Micro-Services Application – An Introduction To Microsoft’s Azure Service Bus Demo</b> Contains 2 Services (Platform Service & The Command Service) Platform service: overview, scaffolding, data layer, controllers & actions Command Service: scaffolding, controllers & actions, synchronous and asynchronous messaging, add HTTP client, deploy service to Kubernetes, internal networking, API Gateways.				
<b>Catch The Chicken: Nostalgia – Mobile Game</b> Used Unity’s Game Engine in creating this immersive & interactive experience for mobile devices (Android & iOS) Help Kai catch the chicken before running out of time & health as you progressively move from 1 level to another. Gameplay lets you control the action: move, sneak, jog, sprint, turn left, turn right, jump, slide, fall, fast-fall, putting you in control of an immersive mobile experience. Simple to pick up & play, yet tough to master.				
<b>OPEN-SOURCE PROJECTS CONTRIBUTION (Highlights)</b>				
Open-Source Project 1			Open-Source Project 2	
<b>EDUCATION</b>				
	<b>BSc. Electrical &amp; Computer Engineering (First Class Lower)</b> Catholic University Institute of Buea (CUIB), Buea, South West Region, Cameroon			
<b>TRAINING &amp; PROFESSIONAL CERTIFICATIONS ROADMAP</b>				
August 2019	<b>Global Entrepreneurship Training 2019 In Central Africa for Sustainable Economic Growth.</b> Training on capacity building for sustainable development among developing countries.			
January 2023	<b>Microsoft Certified Azure Fundamentals – AZ900</b>			
January 2023	<b>Microsoft Certified Azure Data Fundamentals – DP900</b>			
March 2023	<b>Microsoft Certified Azure Developer Associate – AZ204</b>			
July 2023	<b>Microsoft Certified Azure DevOps Engineer Expert – AZ400</b>			
October 2023	<b>Microsoft Certified Azure Administrator Associate – AZ104</b>			
December 23	<b>Microsoft Certified Power BI Data Analyst Associate – PL300</b>			
March 2023	<b>Unity Certified User Programmer</b>			
July 2023	<b>Unity Certified Associate Game Developer</b>			
October 2023	<b>Unity Certified Associate Game Programmer</b>			
October 2023	<b>Unity Certified Professional Game Programmer</b>			
December 23	<b>Unity Certified Expert Game Programmer</b>			
December 23	<b>Unity Certified User VR Developer</b>			
<b>LANGUAGES</b>				
	<b>Reading</b>	<b>Writing</b>	<b>Speaking</b>	<b>Understanding</b>
<b>English</b>	Proficient	Proficient	Proficient	Proficient
<b>French</b>	Fluent	Basic	Fluent	Fluent
<b>REFERENCES</b>				
<b>Name:</b> Prof Richard A Byron-Cox PhD <b>Email Address:</b> <a href="mailto:rbyroncox@unccd.int">rbyroncox@unccd.int</a> <b>Job Position:</b> Coordinator – UNCCDs CDIO Team				
<b>Name:</b> Mrs Sandrine Rastetter <b>Email Address:</b> <a href="mailto:srastetter@unccd.int">srastetter@unccd.int</a> <b>Job Position:</b> Admin Assistant – UNCCDs CDIO Team				
<b>Name:</b> Prof Julius Enyong Oben <b>Email Address:</b> <a href="mailto:j.oben@jnaobenfoundation.org">j.oben@jnaobenfoundation.org</a> <b>Job Position:</b> Founder – President J&AOben Foundation				