

# Emmanuel Agbo

United Kingdom

agboemmanuel360@gmail.com

[linkedin.com/in/emmanuel-agbo-001](https://www.linkedin.com/in/emmanuel-agbo-001)

## Summary

I graduated with a Bachelor of Engineering from Department of Computer Engineering at Michael Okpara University in 2018. I have since then built several backend services for web applications, using .Net, C# and Azure. I enjoy challenging myself to improve on existing skills and also up skilling by learning new technologies. I also write some technical articles and contribute to the open source community. I currently have a total of 5 years of working experience. I have also worked with technologies such as flutter, python, javascript, flask and more but to mention a few. I usually watch football, play video games or watch movies when I'm not writing code.

## Experience

### Senior Software Engineer

Needle Technology Limited

Jul 2021 - Present (1 year 2 months +)

Application Architecture:- Design and Implementation of Application Architecture using tools like Diagrams.Net and Lucidchart.

Back-End Feature Implementation:- Applying Software Design Principles such as SOLID, DRY KISS, YAGNI, while Implementing back end services.

Mobile Application Development: Building Cross platform mobile applications using flutter.

Continuous Integration: Building and managing continuous integration pipelines using Jenkins, Github Actions. and Azure pipelines.

System Optimisation:- Improving Database Query, message processing, Implementing Fault tolerance and Multiple Queues processing using tools such as Kafka, HangFire and Coravel.

Unit Testing:- Unit Testing with unit testing frameworks such as XUnit, NUnit and Jest.

Deployment: Deploying web applications and mobile applications to DigitalOcean, Azure, Play store and App Store.

Others include: System Security, API Documentation, API Versioning, Code Review, Agile Methodology

### Intermediate Dotnet Developer

Needle Technology Limited

Jul 2019 - Jun 2021 (2 years)

Back-End Feature Implementation:- Applying Software Design Principles such as SOLID, DRY KISS, YAGNI, while Implementing back end services.

Unit Testing:- Unit Testing with unit testing frameworks such as XUnit, NUnit and Jest.



## **.NET Developer**

Software Business Solutions Consulting (SBSC)

Mar 2021 - May 2021 (3 months)

- Developed Backend services for NIBSS E-Bills Payment Solution.
- Backend Features: Developed REST APIs using micro-service architecture in .Net Core.
- Testing: Wrote Unit Tests for the Endpoints Created.
- version control and project management on Azure DevOps
- Application Category: Financial Application



## **Back End Developer**

Venture Garden Group

Apr 2020 - Jul 2020 (4 months)

Certified Backend Engineer (C#) at Venture Garden Group Virtual Academy



## **Junior Software Developer**

Genesys Tech Hub

Mar 2017 - Nov 2017 (9 months)

Built robust and maintainable softwares with Asp.net framework and c#

## **Education**



**Michael Okpara' University of Agriculture Umudike**

Bachelor of Engineering - BE, Computer Engineering

2013 - 2018

## **Licenses & Certifications**



**Desmond Doss Award** - Genesys Tech Hub



**B.eng(hons) Computer Engineering** - Michael Okpara' University of Agriculture Umudike



**Certified Back End Engineer C#** - Venture Garden Group



**NYSC discharge certificate** - National Youth Service Corps



**Microsoft Mixed Reality Boot Camp** - Microsoft Learn Student Ambassadors Nigeria



**Deep Work: Rules for Focused Success in a Distracted World (Blinkist Summary)** - LinkedIn

 **Planning with Agile User Stories** - LinkedIn

 **Mixed Reality for developers** - Udemy

 **C# Algorithms** - LinkedIn

 **Fluent API Development in C#** - LinkedIn

## **Skills**

ASP.NET Web API • Docker • GitHub • Microservices • ASP.NET • Microsoft Azure • C# • Test  
Driven Development • Cloud Computing • Flutter