

FAITH E. OLUSEGUN

Oworonshoki, Lagos.

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PERSONAL STATEMENT

I am a world-class software developer and researcher. I have a strong analytical background, great attention to detail, and a strong drive for success. I am an efficient leader, collaborator, and team player currently looking for software engineering opportunities in a growing organization where I can grow my experience and add value.

SKILLS & KNOWLEDGE

- **Programming Languages:** C#, TypeScript, Rust, JAVA
 - **Frameworks, libraries and Tools:** .NET Core, ASP.NET, MVC, Entity Framework Core, Dapper, ADO.NET, Angular, xUnit, NUnit, SQL, Stored Procedures, jQuery, Visual Studio, VSCode, Microsoft Azure, Amazon AWS, Serverless Framework, AWS Lambda, UML, Git, RabbitMQ, SignalR, Blazor, Postman, Auth0, Microsoft Identity.
 - **Databases:** SQL Server, MongoDB, PostgreSQL, MySQL, SQLite.
 - **Operating Systems:** Linux, MacOS, Windows.
 - **Design Patterns:** Onion Architecture, Domain-Driven Design, Clean Architecture, CQRS and Mediator Pattern.
 - **DevOps:** Azure DevOps, GitHub Actions, Docker, Heroku.
 - **Soft Skills:** Excellent troubleshooting, communication, attention to detail, time management, and leadership.
 - **Languages:** Yoruba (native), English (professional), French (beginner).
 - **Hobbies:** Gaming, Music, Research.
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EXPERIENCE

Software Engineer.

Asset and Resource Management (ARM) Holding Company, Ikoyi Lagos.

Apr. 2023-present

- Designed and developed software applications that have driven over USD 10 million in remittances and investment portfolio.
- Re-engineered a statement generation and dispatch service that saw an over 1500% performance improvement and time to completion reduced from over 5 days to generate and dispatch statements for 100,000 clients to 4 hours only.
- Designed and developed a company-wide enterprise application server monitoring tool (Agent94) that has monitored and reported health status of over 20 APIS and 10 database servers.
- Re-engineered the statement generation software and has successfully generated investment account statements for over 300,000 customers.
- Trained and mentored other software developers on best practices, secure coding and API optimization techniques.
- Revamped, upgraded, and improved performances of over 10 enterprise software applications and APIS built with legacy technologies to modern-day .NET stack.
- Worked with InfoSec team on API security benchmarking all APIS developed with the OWASP-top 10 via the use of Crunch42 API Security Analyzer and achieved an API security score of at least 98%.
- **Technology Stack:** C#, .NET Framework, .NET Core, SQL Server, C#, .NET 5, .NET 6, .NET 4.0, .NET 4.5, REST API, SOAP Service, SOAPClient, SOAPUI, Microsoft WCF, OracleDB, TSQL, Stored Procedures, 42Crunch, SQL Developer Tools, Entity Framework Core, Code-first EF Core, ORM, Dapper, xUnit, ASP.NET Core MVC, Razor Pages, JWT, Swagger, SwaggerUI, Automapper, xUnit, SQLServer, IIS, Azure, Postman, jQuery, Git, Github, Github Actions, Visual Studio, Visual Studio Code, Windows Worker Services, PowerShell, HangFire, RabbitMQ.

Software Engineer, Solutions Delivery Department.

Parallel Bank Limited, Victoria Island, Lagos.

Mar. 2022-Apr. 2023

- Designed, architected and implemented practical financial software solutions.
- Implemented the bank's core integration to switches, third-party Fintechs, Nigeria Inter-Bank Settlement Scheme (NIBSS) and the Central Bank of Nigeria (CBN).
- Collaborated with Information Security team to implement practical API security strategies, strong encryption algorithms in all applications developed and API integrations.
- Worked with InfoSec team on API security benchmarking all APIs developed with the OWASP-top 10 via the use of Crunch42 API Security Analyzer and achieved an API security score of at least 98%.
- Championed and saw to completion important integrations to drive the bank's digital transformation programme including:
 - REMITA Straight-Through-Switching-Process (STP) which did over NGN8 Billion (USD18 million) in its week of deployment to production.
 - Lagos State Internal Revenue Collections Integration (via Alpha Beta LLP's RevPay service) which has done around USD100,000 so far in transactions processed.
 - Nigeria Customs Service (NCS) Flat-file Customs Duty Collection implementation which is projected to do over USD15 million since inception.
 - Unified Payments (UP) payment switch integration which is currently at the stage of pilot testing.
 - UP's PayAttitude integration.
 - Remita Direct Debit, data reference and digital lending integrations.
 - Core Bills payment service design and implementation for supporting multi-vendors.
 - Entrust Soft Token validation which is used across many departments.
 - Global Accelerex point of sale system integration.
 - NIBSS Industry Data Harmonization implementation.
- Collaborated and interfaced with several departments in the bank including compliance, audit, information security, networks, system administration to bring to life outstanding digital financial solutions to drive the bank's limitless digital transformation programme.
- Debugged and maintained software applications.
- Led three other .NET developers, reviewed code, support in deployments, UATs and shared knowledge.
- Designed, developed and deployed API solutions, MVC, REST, SOAP services and background worker services using C# and .NET 5.0, .NET 6.0, .NET 4.0, .NET 4.5.
- Worked with Software architects, Sys Admins, Project Managers to develop business solutions using Microsoft technologies.
- Migrated applications from staging to production and synced with network engineering and system administration departments to ensure smooth migrations.
- Maintained production applications built in JAVA and Springboot.
- Did all these with almost little to no supervision.

Technology Stack & Tools: C#, ASP.NET Core, .NET 5, .NET 6, .NET 4.0, .NET 4.5, REST API, SOAP Service, SOAPClient, SOAPUI, Microsoft WCF, OracleDB, 42Crunch, SQL Developer Tools, Entity Framework Core, Code-first EF Core, ORM, Dapper, xUnit, ASP.NET Core MVC, Razor Pages, JWT, Swagger, SwaggerUI, Automapper, xUnit, SQLServer, ERP, IIS, Azure, Postman, jQuery, Git, Github, Github Actions, Visual Studio, Visual Studio Code, Windows Worker Services, PowerShell, HangFire, RabbitMQ, JAVA, SpringBoot.

Senior Backend Engineering Consultant

Wragby Business Solutions and Technologies.

Oct. 2021-March 2022

- Designed and implemented practical software solutions.
- Designed and developed product barcoding and QR coding solutions for pharmaceuticals and supermarkets, installed and trained customers on usage of the software.
- Debugged and maintained software applications.
- Worked with Software architects, Sys Admins, Project Managers to develop business solutions using Microsoft technologies.
- **Technology Stack:** C#, ASP.NET Core, REST API, Entity Framework Core, Code-first EF Core, ORM, Dapper, ASP.NET Core MVC, Razor Pages, JWT, Swagger, SwaggerUI, Automapper, xUnit, SQLServer, SendGrid, ERP, CRM, Azure DevOps, IIS, Postman, jQuery, Git, Github, Github Actions, Visual Studio.

Software Developer

Fidelity Bank PLC Nigeria.

Sept. 2020 — Oct. 2021

- Worked in an Agile team of Software Developers, Built and integrated Application Programming Interfaces (APIs) to drive banking processes using clean code architecture.
- Built and deployed different API components to different Azure environments, IIS and unit tested different components using xUnit testing framework.

- Revised, updated, refactored, debugged and troubleshoot applications and Microservices both on staging and production environment.
- Maintained and provided technical support for applications in production including a visitor management system that currently serves all front desk officers of the bank, a small and medium-scale enterprises (SME) account opening portal currently serving over 1 million businesses across Nigeria and including Azure API Management and delegated portals that serve as the bank's backbone for her flagship open API product.
- Wrote technical documentations, user manual and QA/UAT Scripts for deployed applications. Collaborated with vendors and clients on API integrations.
- Managed onboarding, configuration, and policy creation of APIs onto the bank's Azure API management portal.
- **Technology Stack & Tools:** C#, ASP.NET Core, .NET Core MVC, Web API, Entity Framework Core, Code-first EF Core, JWT, Swagger, SwaggerUI, AutoMapper, xUnit, HangFire, SQLServer, HTML5, CSS, JavaScript, Responsive design with Bootstrap, Azure DevOps, IIS, Git, Bitbucket, SOLID principles, SCRUM Software Development Process, Azure API Management Portal and delegated portal.

PHP (Laravel) Developer

Petrong Software Solutions.

Jan. 2019 — Sept. 2020

- Laravel MVC and PHP Developer. Built and shipped efficient and powerful web applications with Laravel and PHP.
- Refactored, debugged, and maintained a school course management platform to help over 2000 secondary school teachers in Lagos create courses during the 2020 Covid-19 lockdown.
- Refactored a credit management admin dashboard application from vanilla PHP to a Laravel MVC application.
- **Technology Stack & Tools:** PHP, Laravel 7, MySQL, C#, TypeScript, Git, Bitbucket, HTML5, CSS3, Bootstrap, JavaScript, ASP.NET, ASP.NET MVC, ASP.NET Web API, .NET Core, Entity Framework, CSS3, Bootstrap, JavaScript, PhpMyAdmin, Apache.

EDUCATION

B. Agric. Tech., (First Class & Top 1% graduate)

Federal University of Technology Akure, Nigeria

Nov. 2013 — Nov. 2018