

IBRAHIM YEKEEN OLAMILEKAN

SENIOR SOFTWARE ENGINEER

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Professional Profile

Senior Software Engineer specialising in PHP, Laravel, ASP.NET and enterprise application development, with 8+ years of professional software development experience across education, enterprise, fintech, healthcare and mobile technology environments. Strong hands-on experience designing and delivering production Laravel applications (PHP), RESTful APIs, integrations and database-driven platforms, with additional expertise in ASP.NET Core, Flutter and SQL Server/MySQL. Experienced in taking systems from requirements and architecture through development, testing, deployment, optimisation and production support. Currently based in the UK and studying an MSc in Artificial Intelligence.

Key Skills

- **Backend:** PHP(Laravel), C#, ASP.NET, ASP.NET Core, NodeJs
- **Frontend:** React, Blade, HTML5, CSS3, JavaScript, Tailwind CSS, responsive web interfaces
- **Databases:** MySQL, SQL Server, PostgreSQL, database design, relational modelling, query optimisation
- **Mobile:** Flutter, Dart, Android (Java, Kotlin), iOS (Swift)
- **Engineering:** Git, GitHub, GitLab, Agile/Scrum, debugging, testing, refactoring, performance optimisation, code review, RESTful APIs, API architecture, third-party integrations, microservices, secure backend services, business logic
- **Infrastructure & Tools:** IIS, Postman, Android Studio, Xcode, Visual Studio, Xcode, API testing and deployment workflows

Professional Experience

Skyline University Nigeria – Senior Software Developer | 09/2022 – Present

PHP / Laravel / Moodle

- Designed, developed, and maintained the university's **Moodle-based Learning Management System (LMS)**, including custom PHP plugins, modules, themes, integrations, user roles, enrolment and academic workflows.
- Designed and developed an **Online Distance Learning (ODL) platform using Laravel**, supporting course delivery, student management, learning resources, assessments, and academic processes.
- Developed a **Laravel-based Service Desk platform** for IT support ticketing, assignment, escalation, SLA tracking, resolution, notifications, and support reporting.

- Designed and developed a **Laravel Project Management System** for project planning, task assignment, team collaboration, progress tracking, deadlines, and reporting.
- Developed and integrated **RESTful APIs** connecting Laravel/PHP applications with Moodle, student information systems, payment gateways, authentication services, and other institutional platforms.

.NET / ASP.NET Core / C#

- Developed and maintained enterprise applications using **C#, ASP.NET, ASP.NET Core, Web API, and SQL Server**, supporting academic, administrative, HR, and institutional operations.
- Managed and enhanced the university's **ERP and HRMS platforms**, implementing and supporting workflows across academic, finance, employee management, payroll, recruitment, and leave administration.
- Designed and developed an **Alumni Management Portal using .NET**, supporting alumni registration, profiles, records, engagement, communication, and administration.
- Designed and developed a **SIWES & Internship Management Portal using .NET**, covering student registration, placement, organisation management, supervisor assignment, training progress, assessment, approvals, and reporting.
- Developed a custom **Time & Attendance System integrated with UNIS biometric devices**, automating attendance capture, processing, synchronisation, and reporting.
- Designed and deployed secure **ASP.NET Core REST APIs** consumed by web and mobile applications, and modernised legacy PHP services into scalable .NET services/microservices.

Flutter / Dart

- Designed and developed a cross-platform **Flutter LMS mobile application** using Dart, enabling students to access courses, learning materials, assignments, timetables, attendance, and academic results.
- Integrated Flutter applications with **Laravel and ASP.NET Core REST APIs**, implementing authentication, secure data communication, asynchronous operations, error handling, and backend integration.
- Developed functionality for students to **generate, view, and download semester results** directly through the mobile application.
- Optimised mobile applications for **performance, responsiveness, usability, maintainability, and reliable API communication** across Android and iOS environments.

Bizapp Global Technology – Mobile App Developer | 01/2022 – 09/2022

- Designed and developed a **cross-platform e-commerce and social networking mobile application using Flutter and Dart**, delivering a unified platform for product discovery, purchasing, user interaction, and social engagement.
- Developed the mobile application architecture and implemented reusable **Flutter UI components, screens, navigation, forms, authentication flows, and responsive interfaces** for Android and iOS.
- Built and integrated the application's **Laravel backend**, implementing business logic, database operations, authentication, authorisation, product management, order processing, and social networking functionality.

- Designed and consumed **RESTful APIs using Laravel**, enabling secure communication between the Flutter mobile application and backend services.
- Developed e-commerce functionality including **product catalogues, categories, product details, search, shopping cart, checkout, order management, user profiles, and transaction workflows**.
- Implemented social networking features allowing users to **create profiles, publish content, interact with other users, engage with posts, and build a community around the e-commerce platform**.
- Developed backend database structures and relationships using **Laravel and MySQL**, ensuring efficient management of users, products, orders, social content, interactions, and application data.
- Implemented **user authentication, role-based access control, API validation, data security, and protected application endpoints** across the mobile and backend platforms.
- Integrated third-party services and APIs where required to extend application functionality and support e-commerce and mobile application workflows.
- Optimised Flutter application performance, API communication, loading times, and user interactions to provide a responsive and reliable mobile experience.
- Performed application debugging, testing, troubleshooting, and continuous improvement across both **Flutter frontend and Laravel backend** components.
- Managed application releases, versioning, signing, and deployment to the **Google Play Store and Apple App Store**, ensuring compliance with platform requirements.
- Monitored post-release issues and user feedback, delivering **bug fixes, feature enhancements, performance improvements, and application updates**.
- Worked within an **Agile development environment**, participating in requirements analysis, sprint planning, development, testing, code reviews, deployment, and continuous improvement.
- Collaborated with designers, backend developers, product stakeholders, and other team members to translate business requirements into scalable mobile and web solutions.

Cloud Tecnico - Senior Developer (Remote) | 02/2021 – 01/2022

- Led the development, maintenance, and lifecycle management of **26 cross-platform mobile applications using Flutter and Dart**, delivering new features, bug fixes, performance improvements, integrations, and production releases.
- Designed and developed responsive and reusable **Flutter UI components**, application screens, navigation flows, forms, authentication interfaces, and mobile user experiences for Android and iOS.
- Developed and maintained **Laravel/PHP backend services and RESTful APIs** supporting mobile applications, implementing business logic, authentication, database operations, notifications, and third-party integrations.
- Developed and maintained **.NET-based backend services and APIs**, integrating enterprise applications with mobile clients and external systems.
- Designed and consumed **RESTful APIs** across Flutter, Laravel, and .NET applications, ensuring reliable communication between mobile applications, backend services, and databases.

- Implemented advanced mobile capabilities including **geolocation/location services, real-time chat, push notifications, cloud synchronisation, background processing, and network-aware data handling.**
- Developed real-time communication functionality for applications requiring **messaging, user-to-user interaction, notifications, and synchronised data.**
- Integrated third-party APIs and cloud services to extend application functionality and support authentication, location-based services, communication, and data synchronisation.
- Designed and optimised database interactions across **MySQL and SQL Server**, improving data retrieval, consistency, and application performance.
- Investigated and resolved complex production issues across **Flutter applications, Laravel APIs, .NET services, databases, and third-party integrations.**
- Improved application performance through **code refactoring, memory management, API optimisation, asynchronous processing, efficient state handling, and reduction of unnecessary network operations.**
- Reviewed and modernised existing codebases to improve **maintainability, scalability, reliability, and development efficiency** across multiple applications.
- Managed application versioning, build configuration, release preparation, testing, and deployment for mobile applications across **Google Play Store and Apple App Store.**
- Worked across multiple client projects simultaneously, prioritising development tasks, resolving critical issues, and delivering feature enhancements within agreed timelines.
- Collaborated with clients and stakeholders to gather requirements, analyse business needs, translate requirements into technical solutions, and deliver production-ready applications.
- Conducted **client demonstrations and user training sessions**, explaining application workflows, features, administration processes, and best practices.
- Provided post-deployment technical support and ongoing maintenance, analysing user feedback and implementing improvements to enhance **application stability, usability, and customer satisfaction.**
- Followed software development best practices including **version control, code review, debugging, testing, documentation, Agile delivery, and continuous improvement.**

Voags Technology - Senior Developer (Remote) | 05/2018 – 11/2020

- Led the design, development, maintenance, and deployment of **native Android applications using Java and Kotlin**, delivering production-ready mobile solutions for different business requirements.
- Developed and maintained **native iOS applications using Swift**, implementing responsive interfaces, application logic, API integrations, and device-specific functionality.
- Migrated legacy **Android and iOS applications to Flutter**, establishing cross-platform codebases that reduced duplicated development effort, simplified maintenance, and improved feature delivery across platforms.
- Designed and implemented scalable **Flutter/Dart application architectures**, creating reusable widgets, components, services, models, and utilities to support consistent development across multiple applications.
- Developed and integrated **RESTful APIs using Laravel/PHP and .NET**, connecting mobile applications with backend services, databases, authentication systems, and third-party platforms.

- Implemented mobile application features including **user authentication, API communication, data synchronisation, notifications, forms, local storage, media handling, and device integrations.**
- Designed reusable and modular software components, establishing common development patterns that **accelerated delivery of new applications and reduced code duplication.**
- Refactored legacy application code to improve **performance, maintainability, stability, scalability, and long-term supportability.**
- Collaborated closely with UI/UX designers to translate designs and branding requirements into **responsive, intuitive, and production-ready mobile interfaces.**
- Ensured consistency between application design, branding guidelines, usability requirements, and technical implementation across Android, iOS, and Flutter applications.
- Implemented secure API integrations and application authentication while following best practices for **data validation, error handling, session management, and secure communication.**
- Worked with backend databases and services to ensure efficient **data processing, synchronisation, and API performance** between mobile applications and server-side systems.
- Conducted application testing, debugging, performance profiling, and issue resolution across multiple devices and operating systems.
- Managed application versioning, release preparation, build configuration, and deployment to **Google Play Store and Apple App Store.**
- Provided ongoing application maintenance, troubleshooting, feature enhancements, and post-release support for existing production applications.
- Worked remotely with developers, designers, and stakeholders using collaborative development practices, source control, code reviews, and structured development workflows.
- Analysed business and technical requirements and translated them into scalable software solutions while balancing **functionality, performance, usability, and maintainability.**

Albarik Phone Village - Mobile Phone Repair Trainee / Technician Intern | 07/2012 – 04/2015

Undertook intensive hands-on vocational training and internship in mobile phone diagnostics, maintenance, and repair. Gained practical technical experience in troubleshooting hardware and software issues on various mobile devices while working within a busy phone repair and servicing environment prior to commencing university studies.

- Diagnosed and repaired faults in mobile phones including charging issues, screen failures, speaker/microphone faults, and software-related problems.
- Performed hardware maintenance, component replacement, and soldering operations on mobile devices.
- Installed, updated, and configured mobile operating systems and firmware.
- Assisted customers in troubleshooting device performance and software issues.
- Learned and applied technical repair procedures for Android and feature phones.
- Maintained repair records and tracked devices received for servicing.
- Assisted senior technicians with customer support and repair operations.
- Developed technical problem-solving and analytical skills through practical field experience.

- Participated in internship activities after completing vocational training, supporting day-to-day repair operations independently.

Education

MSc Artificial Intelligence – Oxford Brookes University | 2026 - Present

MSc Software Engineering – Skyline University Nigeria | 06/2023 – 08/2025

BSc Computer Science – Bayero University Kano | 04/2015 – 03/2019

Senior Secondary School Certificate – Government Day Secondary School Tanke Ilorin | 02/2006 – 07/2012

Certifications

IBM - Mobile App Development (2026)

National Youth Service Corps (2020)

Languages

English: Fluent | Yoruba: Native | Hausa: Fluent

Additional Information

- Based in Oxford, United Kingdom.
- Right to work subject to UK Student visa conditions.
- Professional interests: Laravel/PHP, NodeJs, ASP.NET engineering, scalable backend systems, Flutter mobile application development, API architecture, cloud-ready applications and AI-enabled software.
- Exploring emerging technologies, mentoring aspiring developers, and solving complex problems through innovation.