

TIMILEHIN OGUNTADE

Software Engineer | Flutter • React • Node.js • APIs | MSc Software Engineering (Distinction)
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Software Engineer with 3+ years shipping production fintech software and an MSc in Software Engineering (Distinction). I own the API integration layer at EgolePay and built Epawo, a consumer payments app live on Google Play (4.2 stars) and the App Store. Full-stack across Flutter, React and Node.js, with CI/CD pipelines and 95% test coverage in production. I write the docs, run UAT with clients and ship work that is proven, not just written.

WHY ME

- Built and shipped a live fintech app used by real customers, on both app stores, with 4.2 stars on Google Play
- Payment provider integrations with idempotent retries, failure recovery and settlement reconciliation: money moves safely or fails visibly
- 95% test coverage sustained in production through TDD, unit and widget tests, and CI/CD gates on every release
- Cut delivery time by ~30% at FPG by migrating legacy native features to cross-platform frameworks across three client verticals
- Comfortable end to end: front end, APIs, SQL, Microsoft 365 admin, incident triage and first-line support

TECHNICAL SKILLS

- **Languages:** Dart, JavaScript, TypeScript (working proficiency), C#, SQL and T-SQL, HTML/CSS, Python (academic and personal projects), Kotlin (familiarity)
- **Mobile:** Flutter/Dart, React Native, Riverpod (extensive), Provider, BLoC, GetX, Clean Architecture, MVVM, Dio, biometric and PIN authentication, push notifications, App Store and Google Play release management
- **Front End:** React.js, Redux, responsive design, accessibility, component architecture, form validation, loading and error state handling
- **Back End and APIs:** Node.js, RESTful API design and integration, payment provider and third-party API integration, webhooks, idempotent retries and failure recovery, settlement reconciliation, .NET/C#, NestJS (in progress), Service-Oriented Architecture
- **Data and Cloud:** Firebase (Authentication, Firestore, real-time data, Analytics), SQL Server, T-SQL, Excel reporting and reconciliation, Azure (familiar), AWS (exposure), Docker (familiarity)
- **Microsoft Platform:** SharePoint 365, Power Platform, Power Automate, Microsoft 365 administration (Exchange Online, Teams, SharePoint Online, OneDrive, licensing, permissions), Microsoft Intune, Entra ID
- **CI/CD and Tooling:** GitHub Actions, Codemagic, Fastlane, Azure DevOps (pipelines and boards), Git, GitLab, code review, release rollback, AI coding assistants (daily use with instruction files and a review pass)
- **Testing and Quality:** TDD/BDD, unit, widget and integration tests, JUnit, LCOV coverage reporting, 95% coverage in production, defect triage, code review
- **Support and Operations:** Production incident triage, first and second-line support, Windows and mobile device build and configuration, user onboarding and offboarding, monitoring, backup and restore verification, technical documentation
- **Ways of Working:** Agile/Scrum, sprints, Kanban, requirements gathering, process mapping, UAT and handover, client-facing delivery, cross-functional work with design and product

KEY PROJECTS

- **Epawo by EgolePay, consumer fintech app (production):** instant transfers, bill payments, spending insights, real-time transaction alerts and biometric/PIN login. Built the Flutter UI and the RESTful API and Firebase integration layer, and shipped it to both stores. Live on [Google Play \(4.2 stars\)](#) and the [App Store](#).
- **Mindful Mate, gamified wellbeing app (MSc dissertation, Distinction):** Flutter and Riverpod app applying gamification (points, badges, streaks) to mood tracking and relaxation exercises. Clean Architecture, documented design decisions, 95% LCOV-measured test coverage.
- **Staff Rota Builder, React web app:** full-featured scheduling tool with complex shift rules, multi-week period generation, an hours compliance tab and Excel, Word and PDF export. Built solo, end to end.
- **Personal Portfolio Website:** responsive HTML/CSS/JavaScript site presenting my work as a software changelog with live app links.

PROFESSIONAL EXPERIENCE

Software Engineer

Oct 2023 to present

EgolePay Limited, fintech payments (remote, UK). Full-time to Jan 2024, then part-time remote alongside and after the MSc. Reports to the Lead Engineer.

- Built and shipped the core UI and RESTful API integrations for Epawo, EgolePay's consumer payments app, now live on Google Play (4.2 stars) and the App Store: instant transfers, bill payments, spending insights, real-time transaction alerts and secure biometric/PIN login.
- Own the API integration layer: integrated payment provider APIs with idempotent retries, failure recovery and settlement reconciliation so transactions either complete cleanly or fail safely and visibly.
- Implemented Flutter screens and state management (Riverpod and BLoC) for payment and onboarding flows, handling loading and error states, form validation and API failure recovery for financial transactions.
- Sustained 95% code coverage through TDD, unit tests and widget tests, with CI/CD pipelines (GitHub Actions, Codemagic, Fastlane) gating releases on automated test runs for low-downtime deployments to both stores.
- Triage and resolve production incidents: investigate transaction exceptions with SQL over live data, trace failures through logs and provider responses, fix or roll back, and write up root cause.
- Produce recurring reconciliation and status reporting in Excel for the engineering lead and product team, and maintain provider and client reference data.
- Provide first-line technical support: Windows and mobile device build and configuration, Microsoft 365 administration (Exchange Online, Teams, SharePoint Online, OneDrive, licensing, permissions), Intune and Entra ID, and user onboarding and offboarding with least-privilege access and MFA.
- Work in sprints with designers and product leads (planning, stand-ups, retrospectives), ship features driven by customer feedback, and review code in Git/GitLab to keep the codebase maintainable.
- Write and maintain technical documentation, integration guides and instruction files used by the team and by AI coding agents day to day.

Software Developer

Sep 2022 to Dec 2023

FPG Technologies and Solutions, Lagos (consultancy serving banking, telecoms and public sector clients)

- Delivered responsive UIs across three client verticals (e-commerce, health, fintech) in React.js, Flutter and React Native.
- Migrated legacy Android and iOS features to modern cross-platform frameworks, accelerating delivery speed by around 30%.
- Built and configured C#/.NET components, SharePoint 365 document libraries and Power Automate approval routing, and wrote T-SQL against SQL Server for client reporting and data work.
- Integrated Firebase authentication, real-time data and analytics; applied TDD with automated pipelines to cut post-release defects.
- Ran client-facing delivery: clarified requirements with stakeholders, mapped processes, coordinated UAT, handled second-line support on delivered systems and completed handover with training for non-technical client teams.
- Authored API integration guides and technical documentation adopted across client projects, cutting new-engineer onboarding time.

Software Developer (Intern)

Jan 2021 to Sep 2022

Lagos State Ministry of Science and Technology

- Built cross-platform government digital services in HTML, CSS and JavaScript alongside senior developers, contributing to API development, debugging and testing.
- Maintained TDD/BDD documentation with full requirements-to-code traceability, and worked on database structures and reference numbering for public records.
- Supported non-technical staff with training and troubleshooting on the services delivered.

Data Operations Analyst (contracted title: Data Entry Operative)

May 2024 to Jan 2025

Bishops Facilities Management, Iron Mountain site, Enfield (alongside the MSc)

- Ran all four stages of a hard-copy-to-digital records workflow (preparation, scanning, indexing, quality checking) on high volumes of sensitive and confidential records.
- Consistently met daily throughput SLAs and accuracy targets, kept batch registers and chain-of-custody records, and flagged and resolved scanning equipment faults.

Software Development Intern

Mar 2020 to Dec 2020

Ghost Tech Agency

- Developed web tools for campus platforms in HTML, CSS, JavaScript and Node.js; first production exposure to Agile delivery and Git.

EDUCATION

MSc Software Engineering, Distinction

Jan 2024 to May 2025

University of Hertfordshire

- Dissertation: Design and Development of a Gamified Mental Health Companion Application Using Flutter (Mindful Mate). Awarded Distinction.

BSc (Hons) Computer Science, 2:1

Sep 2018 to Aug 2022

Bowen University, Nigeria

- Volunteer and Programme Director, Bowen Tech Hub (2019 to 2022): trained 50+ first-year students in web fundamentals and organised hackathons and pair-programming events.

WASSCE (WAEC), nine subjects

2018

The Apostolic Church Grammar School, Ketu, Lagos

- Mathematics A1, Computer Studies A1, Civic Education A1, Further Mathematics B2, Data Processing B2, Physics B3, Chemistry B3, Biology B3, English Language C5.

CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT

- Microsoft: Software Development and System Administration (online, 2023)
- Microsoft Azure Developer Associate (AZ-204), in progress
- Advanced RESTful API Design and Microservices Workshop; Clean Architecture in Front-End Development
- Self-directed backend study: NestJS with TypeScript, building a rota and shift management SaaS and a compliance document generator
- Daily use of AI coding assistants in a structured workflow: briefing with files and constraints, maintaining instruction files, reviewing output for errors and drift before merge

ADDITIONAL INFORMATION

- Full UK driving licence and own vehicle; happy to travel between sites and open to relocating for the right role.
- Referees available on request.