

# Falodun Olugbenga Solomon

Lagos, Nigeria

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## SOFTWARE ENGINEER

*Accomplished and technically sophisticated professional with extensive experience in providing innovative software solutions from designing to roll out.*

### AREAS OF EXPERTISE

- Proven success in steering software development projects from conceptualisation to delivery of simplified fit-for-the-purpose IT solutions.
- Highly skilled in bug fixes, resolving application crash problems, integrating payment gateway and improving online payment transaction security.
- Highly skilled in web and e-commerce application and working knowledge of mobile application with NativeScript, TypeScript, Firebase, Angular JS 2.
- Recognised for improving departmental efficiency through exceptional leadership that aligns business processes and IT infrastructure to realise cost savings, accelerate performance, and sustain strategic flexibility.
- Articulate communicator; fluently speak the language of both people and technology, blending technical expertise with interpersonal skills while interacting with the customers/teams.

### TECHNICAL PROFICIENCIES

*Tools:* Java, Spring Framework, SpringBoot, Kafka, Micro-services, Gradle, Maven, MySQL, SQLite, Liquibase, JavaScript, NodeJS / Angular 6, NativeScript / AngularJS 6, Firebase / Firestore Database, Android, Git, Python, PHP, Zend Framework II, Laravel Framework, Doctrine 2 ORM, Magento I & II, Git, USSD Development, ASP.NET Core

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## Professional Experience

eTranzact International PLC, Nigeria

**Software Developer** (08/2019 – Present)

As deputy manager (DM) for Mobile Banking & VAS of the Technology group, among others; I ensured a more cohesive team through collaboration, dedication, code documentation and creation of study guides. This helps to improving developer experience.

*Key Achievements:*

- Created second factor authentication via one time token (OTP) for Polaris Bank USSD transactions when single transaction amount is greater than N20, 000.00 and when daily cumulative transactions is above N100,000 according to regulation from the Central Bank of Nigeria (CBN).
- Developed new and revamped existing USSD applications, e.g. refactored and fixed Airtime to-pup and fund transfer issues on RealTech USSD application.
- Managed a team of other 6 younger developers, coordinating processes and harnessing the strength of the team to ensure efficient use of resources and delivery of quality software products according to project timelines.
- Initiate the idea and developed Vaslogger, an application monitoring tool. It monitors VASgate (eTranzact value-added service) allowing several billers, nodes and external client such as the Telco (selling airtime and data), Electricity Distribution Company to transact business with and collect payment from end users successfully. Vaslogger monitor health status of the nodes and report any anomaly via email to the designated stakeholders.
- I suggested and integrated into USSDBridge application a central bank navigation service. This discontinues the idea of hosting bank list in every applications and ensures easy on boarding of new banks and disengagement of old banks.

#### Summitech, Nigeria

##### **Senior Backend Software Developer** (11/2017 – 07/2019)

Ensure on-time project delivery by collaborating with staff members and clients to find the best solutions for complex problems. Provide technical support for applications development, including writing codes, solving compatibility issues, eliminating technical problems, and collaborating with the digital team.

##### *Key Achievements:*

- Resolved application crash problems by 90% within two weeks through removal of bugs, careful memory management, and garbage collection that increased app performance by 100%.
- Maximised clients' satisfaction by meeting project deadline and on-time delivery of bill/quote with initial proposition.
- Contributed in the development of LoopMI estate management mobile app with NativeScript / Angular 2-6.

#### PayPorte Global System, Nigeria

##### **Software Developer** (1/2017 – 10/2017)

Created, installed, and maintained applications, led service-level enhancement initiatives, and recommended cutting edge technical solutions that maximised e-commerce business performance. Developed Magento 1 plugins, aimed to improve company's control over e-commerce business.

##### *Key Achievements:*

- Reduced transactions-cost and minimised the risk of stealing by 70% by deploying secure payment gateways, such as GTB GTPAY, UBA UCollect, Interswitch WebPay Direct, Access Bank PayWithCapture.
- Categorised online store products by designing size guide module which boosted customer satisfaction; this improved customer service team's performance by 40%.
- Slashed error rate by 70% and complaints calls regarding sizes by 55% by creating ease for customers to pick the right size using the size guide.

#### Rom-Flex Networks, Nigeria

##### **Software Developer** (04/2014 – 12/2016)

Established custom-enterprise applications, such as vehicle registration (MVREG), e-commerce platform, and plugins. Secured application from any suspicious activities by designing and implementing Magento 1 Audit Trail plugin to track entire operations, actions, and actors within the Magento System.

##### *Key Achievements:*

- Cut down error rate by 75%, increased employees efficiency by 50%, and built a culture of accountability by deploying Magento 1 Audit Trail plugin.
- Designed multiple software solutions and drove continuous improvement to processes and systems.

#### Sichersoft Limited, Nigeria

##### **Software Developer** (12/2013 – 04/2014)

Supported in the development of custom enterprise applications, including estate, fleet, and hotel management systems. Led requirements elicitation and feasibility study to determine the strengths and weaknesses of the proposed project.

##### *Key Achievements:*

- Created API connection successfully between existing Sage 50 database and Java EE Web Application for fleet management system that enabled company to secure a high-value contract.
- Slashed cost of development by 15% and improved reliability of hotel management system by conducting cost-benefit analysis and comprehensive research on application feasibility.

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## **Key Projects**

**USSD Development** (2019): Research and understood the principle of USSD application development, tried sample projects but couldn't connect with aggregators.

**EXAMSQA** (2016): Archived and built examination questions/answers universally accessible and useful.

**Internal Memo Tracking System** (2012): Created an internal mailing system for internal memo communication within an organization, such a university, FUTA.

**Support Vector Machine-Based Network Forensic Model** (2014): Utilised SVM machine learning classification algorithm, developed and implemented a network forensic model that detected and log malicious traffic on computer network using KDDCUP'99 dataset as a case study.

**Campus Chat** (2010): Developed an intranet chat application while supervising SANE (Students' Association of Network Engineers) and deployed to the Students' Affairs Unit of The Federal University of Technology, Akure.

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## Additional Experience

**Teaching Assistant**, Federal University of Technology Akure, Ondo State, Nigeria, 2012 to 2013

**Corps Member & Instructor**, Jimac Infotech Solution (JIT), Akure, Nigeria, 2011 to 2012

**I.T Trainee & Instructor**, CHS Computer Institute, 2006 & Kay-Netlogic, Nigeria, 2009

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## Education and Credentials

Federal University of Technology Akure, Ondo State

**Master of Technology**, Computer Sciences (MTECH), 2014.

Federal University of Technology Akure, Ondo State

**Bachelor of Technology**, Computer Sciences (BTECH), 2<sup>nd</sup> Class Upper Division, 2010.

Yaba College of Technology, Yaba, Lagos State.

**Ordinary National Diploma (OND)**, Computer Science, Distinction, 2005.

### — Certifications —

Introduction to Machine Learning (UDACITY), 2018.

Secure Coding based on PCI/DSS Standard, 2020.

Microsoft Certified: Azure Fundamentals, Jun 2020.

### — Award —

Student's Leadership Award, FUTA, 2010

### — Professional Membership —

The Computer Professional of Nigeria (CPN)