

MALIK M. ABIOLA

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I am a Nigerian Web/Software Engineer who is passionate about APIs, Web apps & software, their development and the technologies that power them. I have more than four years cumulative experience working on various projects ranging from developing web & mobile apps, embedded systems in the form of Raspberry Pis, to building robust scalable APIs, as an intern in an organization, member of a development team at different times and also on personal projects. I like to keep up-to-date with technology trends especially in IT, Web/Software development and in happenings around my environment.

- **MSc. Computer Science, University of Ibadan.** January, 2015.
Thesis: *Sentiment Analysis & Opinion Mining on online social media websites.* Modelled & created a tool which analyse and determine the sentiment expressed about particular subjects using tweets retrieved via the Twitter API.
- **BSc. Computer Science, University of Ibadan.** September, 2011.



Preferred Programming Languages:

PHP, JavaScript, Java, HTML+CSS.

DBMS:

MySQL, MS SQL, SQLite, MongoDB.

Frameworks & Technologies:

Laravel, CodeIgniter, ExpressJS, AngularJs, Vue.js.

Current Stack:

LEMP, MEAN.

- Mobile Technologies Incubation Course, MIT-AITI, University of Ibadan, June – August, 2011.
- Certificate in Software Engineering, HIIT Plc. 2009.



- **Software Developer, Iroko Partners Ltd; Aug. 2015 - Present**
 - Developed test driven micro-serviced APIs with PHP using Lumen, for the base infrastructures of <http://irokotv.com>.
 - Worked in a team of three, that designed and implemented the user, and authentication services.
 - Redesigned and refactored the notification service from ground up due to specification changes.
 - Member of a specialized backend team in charge of maintaining and working on new features for <http://irokotv.com> base APIs and AngularJS admin panel tool.
 - Developed composer installable libraries/SDKs that wrap the functionalities of the services APIs for usage on other services.
- **Web/Software Developer, Landmark University, Kwara State; Jan. 2014 – August, 2015**
 - Used PHP as the core language, with Javascript libraries to develop and manage robust web apps for various departments and units in the University, as well as the core API which other University apps are built on.
 - Performed maintenance and scaling of existing web apps to cater for the increasing performance demands and population of the University.

- **Software Developer, Cistematix Nig. Ltd; June 2013 – January, 2014.**
 - Developed and deployed applications for various clients with needs ranging from catering to school portal as well as managing and servicing existing company products.
 - Managed 4 different projects from start to completion.
- **Application Developer, Zonakom International Limited; March 2013 – May, 2013**
 - Developed web projects with the Symfony framework.
- **Developer, Team Pluss, MIT-AITI Bootcamp, 2011.**
 - Developed the expenses module of the finances management application developed by the team.



- **MAbiola\paystack-php-lib:** A PHP library/SDK which abstracts <https://paystack.co> API into a pluggable composer package. **Developed 2016.**
- **Harpnins.com.ng:** A platform which is built using CodeIgniter that curate events based on social network comments. **Currently Offline.**
- **University Vacancy Portal:** Landmark University's job and vacancies board for receiving job applications. Applicants are required to create a comprehensive profile before applications for available positions can be made. The profiles created also assists the University in case of future recruitment process that do not need advertisements/campaigns. **Developed 2015.**
- **SM-SAT:** A social media sentiment analysis tool which combines machine learning processes and lexical analysis to provide analysis on tweets pulled based on a particular subject. **Developed 2014/2015.**
- **University Students' Portal:** Portal for over 4500 students of Landmark University for access to activities such as payment of school fees, checking of results etc. **Developed 2014.**
- **University Admission Portal:** Portal for processing and management of admission application by prospective students of the University. **Developed 2014.**
- **University Parents' Portal:** A portal that uses a two-step authentication process for parents to view activities of their wards such as their results, offences, exeats permits, etc. **Developed 2014.**
- **EstateCistem:** A web application developed for Wemabod Estates for the automation of their work process. **Developed 2013.**
- **PayrollCistem:** An application for the management of employee payroll which also incorporates biometric attendance management. **Developed 2013.**
- **AdvertManager:** A system for the management of subscriptions/taxes of outdoor advert signs such as Signboards, Billboards, etc. For the state government of Oyo, Osun, and Cross Rivers. **Developed 2013.**
- **Pluss:** J2ME app for easy reporting of expenses, cash available at hand and other sundry things around our finances that we rarely remember to record. **Developed 2011.**
- **Ecliz Online Test System:** An online computer based test taking solution for Ecliz Nigeria limited. **Developed 2011.**
- **UI HRMS:** A web-based human resource management system for the management of staff of the university information. Includes an employee self-service system that enables staffs to make requests online, thus making transactions easy and effective. **Developed 2010.**



Referees are available on request.