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## *Iyalla John Alamina, MIET*

<b>Career Objective</b>	Holistic Quality engineering, technology integration and continuous skills development.
<b>Core Competencies</b>	<p>Adept system architect, Systems Integration and end-to-end solutions engineer, agile software project specialist, data analytics/transformations expert with over 7 years professional experience.</p> <p>Control Systems and Instrumentation Engineering, Embedded solutions development, Computer/Network Systems Engineering and Integration. Competency in Windows, and Linux/Unix server infrastructure.</p> <p>Proficiency in various software platforms ranging from enterprise solutions using SAP Business one, Web Solutions using HTML, Javascript, JQuery, WordPress, Joomla, CakePHP, Ruby on Rails, JavaEE, ASP.NET MVC, Web API to Hardware Data acquisition, analysis and control using Matlab and National Instruments LabView, industrial PLC and CNC machines to server, desktop, mobile applications and data-centric solutions.</p> <p>Experienced expertise in mobile phone development and mobile systems development.</p> <p>Database server expertise include MySQL, Oracle, MSSQL</p>
<b>Education</b>	<p>2015-Date - <b>Ph.D Informatics and Natural Language Processing.</b> University of Huddersfield, Queensgate, Huddersfield, HD1 3DH, England, United Kingdom.</p> <p>2013-2014 - <b>M.Sc. Engineering Control System and Instrumentation.</b> University of Huddersfield, Queensgate, Huddersfield, HD1 3DH, England, United Kingdom.</p> <p>2001-2006 - <b>Bachelor of Technology, Computer Engineering</b> Rivers State University of Science and Technology, Port Harcourt</p>
<b>Professional experience</b>	<p><b>Sep 2012- July 2013: Rivers State Sustainable development Agency, 1 Igbodo Street, Port Harcourt</b></p> <ul style="list-style-type: none"> <li>• <b>Information Technology Support Officer.</b></li> <li>• Applications Server Administrator, Computer networks and sip telephony networks administrator.</li> <li>• Web-server Administrator, RSSDA Corporate Web Site.</li> </ul> <p><b>Jan 2009- May 2012: Cinfores Nigeria Limited Trans Amadi Gardens, Port Harcourt</b></p> <ul style="list-style-type: none"> <li>• Design and Implementation Electronic Testing platforms from conception, project management, project documentation and Project Execution.</li> <li>• Web and Application Developer for Scholarship management System, Lecture Scheduler, Data migration. Integration of SMS server for software product activation.</li> <li>• Design and implementation of Payment System for Ministry of Finance.</li> <li>• Design of Biometric Solutions for electronic-testing and Human Resource control.</li> <li>• Design of Enterprise Network/System maintenance/security policies, procedures and processes</li> </ul> <p><b>Oct 2008- January 2009: KB&amp;I Technology (Nigeria) Limited D/Line, Port Harcourt</b></p> <ul style="list-style-type: none"> <li>• Business and Software Development. Analysis, Design and Implementation of Enterprise Business Solutions. This includes:</li> <li>• Design of Project Monitoring in Rivers State Software Solution.</li> </ul>

	<ul style="list-style-type: none"> <li>Design and implementation of Human Biometric Data Acquisition Software</li> </ul> <p><b>Oct 2006- Oct 2007: FutureShock Consultants, Lagos Island, Lagos</b></p> <ul style="list-style-type: none"> <li>Software Developer. Worked Extensively with SAP Business One, MS SQL Server and .NET platform for maintenance of Glo fone pals mobile social network web application and development of SAPB1 Financial solution for First Trustees Nigeria Limited.</li> </ul> <p><b>May 2005 - November 2005: Aptech World Wide Education, Victoria Island, Lagos</b></p> <ul style="list-style-type: none"> <li>Industrial Training: Database Administrator in Charge of the Centre Administration and Examination System. Faculty of programming and database courses including Microsoft Access, MS SQL Server, C#, Java, C, Web design and a variety of others. Involved in corporate training of MS SQL Server.</li> </ul> <p><b>Feb 2003- Apr 2003: Resourcery Limited, Victoria Island, Lagos</b></p> <ul style="list-style-type: none"> <li>Industrial Training: Networks and Telephony Department. Involved in Installation, Maintenance and Troubleshooting of Cisco Network Infrastructure, Telephone PBX Networks of types Avaya, Ericsson, Panasonic.</li> </ul>
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Projects Executed	<ul style="list-style-type: none"> <li>Framework for Developing Mobile &amp; Web Applications using Agile Techniques and KnockoutJS. Including a Literature Database and Web Forms Generation Engine.</li> <li>Development of a 2/3D Laser profile software toolset. Computer based laser analysis and diagnosis tool [Master's degree Project]</li> <li>Development of a mobile phone virtual multimeter instrument.</li> <li>Business Application. Implemented at Bitsom Eye Clinic, Rumuibekwe, Port Harcourt.</li> <li>Reengineering of a Computer Based Testing Application to a Java Web-Based Distributed solution deployed at the 2011 nationwide Petroleum Development Trust Fund Scholarship Aptitude Test.</li> <li>Implementation of a Short Message Service (SMS) server to activate Software products.</li> <li>Developer in the creation of Enterprise Investor Financial software for First Trustees Nigeria Limited. Financial Software was based on Dot NET platform and integrated SAP Business One</li> <li>University CGPA Calculator for J2ME Mobile Phones. (A personal Project)</li> <li>Personal Expenses Manager for Nokia Series 60 Mobile phones. A personal project based on Python for Nokia Series 60 Platform.</li> <li>University Admissions Database System. Application Developed and used for the Rivers State University of Science and Technology Port Harcourt Admissions Office.</li> <li>Java based traffic light simulator. Being an Industrial training project seminar presentation.</li> </ul>
Professional memberships:	<ul style="list-style-type: none"> <li>Member, Mikrotik Network Professionals</li> <li>Member, Institute of Engineering and Technology (IET)</li> <li>Member, Association of Computing Machinery(ACM) + ACM Special Interest Group for Computer Graphics (ACM-SIGGRAPH).</li> </ul>
Human Skills	<ul style="list-style-type: none"> <li>Intuitive Human skills, team building, project management</li> <li>Excellent Customer Relations and user-centric solution development</li> </ul>
Conferences Attended:	<ul style="list-style-type: none"> <li>Annual Researchers' Conference (CEARC'13) of University of Huddersfield School of Computing and Engineering, Huddersfield, United Kingdom (December,2013)</li> <li>2011 Elearning Africa International Conference on E-Learning held in Dares Salam, Tanzania.</li> </ul>
Hobbies	Swimming, mechatronics, computer graphics and music.

References	<p>Dr. Haydn Martin  Research Fellow,  Centre for Precision Technology  School of Computing and Engineering  University of Huddersfield  United Kingdom  h.p.martin@hud.ac.uk  [+44 1484 472167]</p>	<p>Mr. Noble Pepple  MD/CEO,  Rivers State Sustainable Development  Agency,  1 Igbodo Street,  Port Harcourt.  noble.pepple@rssda.org  [+234 807 032 2836]</p>
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