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OSAZUWA OMIGIE

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www.zuwa.me

EMPLOYMENT

Software Engineer   **IBM**   **March 2015 - Present**
- Architect and lead the development of a notification system that improves user experience
- Fixed and built different features across multiple components of a cloud based analytics solution
- Led a squad of developers in delivering 3 new application features
- Deliver technical talks and demonstrations on new product features, technologies, and industry best practices
Languages & technologies: JavaScript, Java, Nginx, Node.js, Docker, Redis, MongoDB, Grunt, Git (GitHub), Jenkins, HTML, Sass

Software Engineer   **Nokia (former Alcatel-Lucent)**   **May 2013 – March 2015**
- Built an enterprise web application for monitoring utilization levels of network links and MPLS interfaces
- Wrote a python tool that automates the creation of service access ingress policies
- Built a software build system similar to Jenkins that also performs version control system operations
Languages & technologies: JavaScript, Java, Python, C, MySQL, Git (GitHub), Maven, HTML, CSS

Software Engineer, Intern   **Electronic Arts (EA)**   **May 2012 – August 2012**
- Built a java software tool using DWR engine, JAXB, and perforce source control API for adding and configuring game content on a gaming platform
- Developed a groovy script for reporting the game server's thread statistics whenever a certain alarm is triggered by the monitor
- Actively participated in code reviews for critical bug fixes and new features on the gaming platform and the game server
Languages & technologies: JavaScript, Java, Groovy, Redis, Mongodb, XML, JSON, HTML, CSS

Software Designer, Intern   **Blackberry**   **September 2010 – April 2011**
- Investigated and solved SMS, GPS and CDMA related software bugs and change requests
- Wrote and maintained a windows batch program which saved the company production costs and was in use by over 520 RIM designers and testers worldwide
- Wrote and maintained a desktop application in visual C# for automating calibration and upgrading boot rom on BlackBerry mobile phones
Languages & technologies: C, C#, Perforce, Jenkins

EDUCATION

Ottawa, ON   **Carleton University**   **September 2008 – May 2013**
- Bachelors of Engineering, Software (B.Eng.)

PROJECTS

- **www.zuwa.me.** Personal online portfolio for keeping track of my software projects and experiments.
  JavaScript, HTML5, CSS3
- **www.watsonanalytics.com**. A cloud based advanced predictive analytics software. Developed and maintained java and node based web services, dev infrastructure etc. *Java, JavaScript, Sass, Docker, Bash*
- **www.iMathIt.com.** An iPhone game for teaching high school students math. The app is being developed using both the cocos2d and core-plot frameworks. *Objective-C, JavaScript, PHP, HTML5, CSS3*
- **Compiler - front-end and code generator**. A compiler with source language as CMM (a language grammar I made up) and target architecture is the Java Virtual Machine. CMM is first compiled to jasmin assembly language and then java byte code. *Java*
- **Mobile phone simulator**. An embedded application for the Motorola 68HC12 microcontroller. The application simulates the various functions of a mobile phone and performs multitasking using interrupt handlers. *C, 68HC12 assembly language*