**Ibrahim A**

Software Engineer 2

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**Profile**

*Ibrahim A*

* Having 10+ years of hands-on experience in the software industry and 6 years of experience in Java development, Client/ Server applications development and Android. Has good exposure in Analysis, Design, Development, Documentation and Implementation of application software using Java, J2EE
* Having hands on experience in ***Java, J2EE, JSP, Servlets, Hibernate, Struts 2.0, Spring, RESTful / SOAP API******webservice******development****, JDBC, Oracle, Workflow* ***Activiti BPMN*** *development (Business Process Model and Notation)* [*BPMN Activiti*](https://www.activiti.org/) *and* [*JBPM*](https://www.jbpm.org/)*,* ***Python****, Bash Script, ,* [*MarkLogic*](https://www.marklogic.com/) *[****NoSQL DB****], Cloud deployment and maintanance like AWS and internal DRM Server etc., Server maintenance (Linux, Windows and Mac), Java Script,* ***JSON****,* ***XPath****, Ant scripts, Groovy, XSLT, XML Schema,XML,DTD, RNG, PXE, and Mac product maintenanc*.
* Experience in problem solving using analytical, methodical, and resourceful approach, identifying the root causes, and providing corrective actions to meet short and long-term business, financial, and system requirements.o obtain a position that will enable me to use my strong organizational skills, educational background, and ability to work well with people and help the organization grow by all means.

**Skills & Technology**

Programming Languages: Java and J2EE, Apps development with RESTful API and Python

Database: MySQL, [MarkLogic 8](https://www.marklogic.com) (NoSQL), SQL, Oracle, MS-Access

IDEs: Eclipse, Android Studio

Web Server: Apache, Tomcat

Configuration Tools: SVN, GitHub, Bitbucket and GitLab

Business Process Automation: [BPMN Activiti Workflow Task engine](https://www.activiti.org/) and [JBPM](https://www.jbpm.org/)

Programming: HTML5, CSS3, JS, JQuery, XML, JSON, XSLT, DTD, XML Schema, RNG, PXE

Tools & Utilities: Oxygen XML Editor, SublimeText, Epsilon and Adobe CS6

Build Tools: Ant, Maven, Gradle

Management: Technical Management, Project Management, Team Management

Operating Systems: Mac / Linux / Windows

* **Recent Repositories Screens**: <https://imgur.com/a/ybKkdLo>

**Work Experience**

*Sr. Software Engineer*

[**RSI Content Solutions India Pvt. Ltd**](https://www.orbistechnologies.com/rsi-india) **Wholly owned subsidiary of** [**Orbis Technologies, Inc.**](https://www.orbistechnologies.com/)

*Sr. Software Engineer October 2016-present*

*Development and maintenance the* [*RSuite*](https://www.orbistechnologies.com/rsuite) *product using Java Technology*

*Upgrade the RSuite client customized project underplugin from older version to the new version of RSuite i.e. (RSuite v3 to v5)*

*Handling changes in the existing process flows as and when required (i.e. Automation Workflow nodes, Java ActionHandler, retain the UI and folder structures and make it to work smoothly in the new version of RSuite)*

*Worked with* [*JBPM*](https://www.jbpm.org/) *and* [*Activiti BPMN*](https://www.activiti.org/) *engine flow for the Workflow nodes with ActionHandler and parallel activity like fork and join*

*Perform routine operation tasks such as producing reports, statistic files, etc*

*Research, recommend, code and administer software development changes*

*Involved automated programming of converting the source / word file into DITA, DITA to PDF, ICML and IDML (InDesign), ePub, XHTML*

*Troubleshoot errors and application issues via periodic testing, help desk tickets and other methods*

*Analyze & Resolve queries in a systematic manner independently as well as a team to arrive at appropriate solutions*

*Responsible for the creation of software operations*

*Sharing release notes with the various business whenever there is a major release or production push*

*Act as a single point of contact for the client, the operations team & the top management on any project related queries*

***Client Handling:*** [*StayWell*](https://www.staywell.com)*,* [*ATD*](https://www.td.org) *(Formally The Association for Talent Development - ASTD),* [*HHP*](https://www.health.harvard.edu)*,* [*ELED*](https://eleducation.org/)*,* [*OUP*](https://www.oup.com.au/) *(Australia & New Zealand),* [*HCP*](https://www.harpercollins.com) *and many more…*

**Hurix Systems Pvt. Ltd.**

*Sr. Software Engineer Aug 2013 – Oct 2016*

*Development and maintenance the product and service using Java*

*Involved in developing java modules*

*Involved in the Implementation of the Product and Services*

*Hands on experience in Java development, Microsite development,* [*K-12*](https://www.pearson.com/us/prek-12.html) *education Teacher and Student Interaction* [*Web based application*](https://dashweb.pearsoncmg.com/) *like Assessment, chat feature and Ques. & Ans. etc.*

*Performing requirement analysis, design, documentation, development and implementation in the Project*

*Involved in code reviews and performance optimization*

*Liaised with multiple development and technology teams within Pearson to understand and troubleshoot the issue*

*MHE Online – Was part of the postproduction support team for the managing MHE’s premium ecommerce website*

*Act as a technical resource during other projects as required*

*Performing integration of applications in different platforms – Internal or Client remote (Linux, Windows and Mac OS,) and Remote Desktop Server maintenance - performance improvement and background jobs automation*

*Handling changes in the existing process flows as and when required*

*Development, Code Review, Troubleshooting to the team members*

*Attending daily standup meetings and sprint planning meetings*

***Client Handling:***[*Pearson*](https://www.pearson.com)*,* [*McGraw-Hill Education*](https://www.mheducation.com/) *and* [*T&F*](https://taylorandfrancis.com/)

**AEL Data Services LLP.**

*Team Leader Dec 2011 – May 2013*

*Development, Team management, Troubleshooting*

*Analyzing project Requirement, Technical solutions and Design discussions*

*Involved in writing database procedures and data modeling*

*Involved in code reviews and performance optimization*

*Implementation and Training – Responsible for implementation and integration of the developed modules and giving training to different levels of users*

*Establishing, integrating and supervising the team to deliver the required technical results*

*Development in Java, Microsite development, eLearning, K-12, ePub 3.0, DRM Protection, Animated ePub and Fixed-Layout*

***Client Handling:***[*McGraw-Hill Education*](https://www.mheducation.com/) *and* [*T&F*](https://taylorandfrancis.com/)

**Geethik Technologies**

*Senior Team Leader Nov 2010 – Nov 2011*

*Development, Team management and Troubleshooting*

*Analyzing project Requirement, Technical solutions and Design discussions*

*Planning and managing resources, infrastructure, time and commercials for domestic and international projects and Troubleshooting and mentoring team members*

*Development in Java, Microsite development, eLearning, K-12, ePub 3.0, DRM Protection, Animated ePub and Fixed-Layout*

***Client Handling:***[*McGraw-Hill Education*](https://www.mheducation.com/)*,* [*OUP*](http://global.oup.com) *and Confidential clients*

**Quench Technology Solution**

*Sr. Executive / Operator May 2009 – Sep 2010*

*Development*

*Data Scientist and Data Store and manipulate from Source format to Webpage, PDF or Word to XML, HTML, XHTML, ePub and Data Migration*

*Analyzing, Processing and Testing with DTD and XML Schema - Journals, bibliography references, index and body (NLM, OUP and ISO DTDs) – eLearning development*

*Development in Java, Microsite development, eLearning, K-12, ePub, DRM Protection, Animated ePub and Fixed-Layout*

**Medulla Solutions Pvt. Ltd. (Vetri Software India Pvt. Ltd.)**

*Process Executive May 2008 – Apr 2009*

*Development*

*Data Scientist and Data Store and manipulate from Source format to Webpage, PDF or Word to XML, HTML, XHTML, ePub and Data Migration*

**Projects**

*Project 1 – RSuite – Product Development*

**Description**: "[RSuite](https://www.orbistechnologies.com/rsuite)" Enterprise Content Management provides Fortune 500 businesses, government organizations, standards bodies, and global publishing and media companies with a better way to develop, organize, publish, and disseminate content.

* WORKFLOW - Automate workflows to assign and manage tasks for your team. Easily edit and review your content and receive alerts when tasks are completed
* COLLABORATION - Inline Editing Tools, Version Control, Granular Content, Control Metadata Enrichment/Tagging
* SECURITY - LDAP Integration, Role-Based Access, Regulatory Compliance Practices, Scalable Elastic Data Center
* AUTOMATION - Data Ingestion and Transformation, Content Packaging and Delivery, Content Validation
* EXTENSIBILITY - Open Architecture APIs, On-Premise and Hosted Solutions, DITA, JATS, DocBook, TEI, or Custom DTDs, Highly Configurable
* PUBLISHING - Create once and publish everywhere. Enjoy a centralized workspace that will export your content in multiple languages and formats.
* Collaborate to create, edit, review, and approve content
* Store, organize, browse and search any digital content
* Assign and manage semantic metadata
* Automate content transformations
* Produce multi-channel output (PDF, HTML, eBook, and more)
* Track and control business processes with friendly workflow management
* Monitor activities and content status in dashboard reporting view

**Responsibilities:**

* Involved in RSuite product development like new feature and an enhancement, Bug fixes and code review.
* Involved in [MarkLogic](https://www.marklogic.com/) setup, configuration, XPath and XQuery development.
* Involved in performance tuning.
* Involved in daily scrum calls.

Technology:

Language: Java, J2EE, Spring, Struts and Hibernate, RESTful API webservices

Database: [MarkLogic](https://www.marklogic.com/) and MySql Tools: Ant, Gradle, Maven, Apache Tomcat, Eclipse

Business Rules Management System: [JBPM](https://www.jbpm.org/) , [Activiti BPMN](https://www.activiti.org/) and [Drools](https://www.drools.org/)

UI: JavaScript, JQuery, Ember.js, AngularJS (for RSuite v6.0)

**RSuite Product Dev instance URL:**

<http://ec2-35-172-220-4.compute-1.amazonaws.com:20102/rsuite-cms/>

*Project 2 – CUSTOM THE RSUITE PRODUCT AS PER THE CLIENT REQUIREMENT AND BUILD NEW CUSTOME PLUGINS / UPGRADATION FOR THE EXISTING CUSTOM PLUGINS TO THE LATEST VERSION OF RSUITE*

**Responsibilities:**

* Involved in [RSuite](https://www.orbistechnologies.com/rsuite) customized project plugin Java development
* Worked for the flow of Automated workflows and parallel activity like fork and join
* Worked for the depreciated RSuite APIs to make it compatible with new version of RSuite API and made workaround to retain the existing functionalities
* Involved in Java [Workflow Task Activiti BPMN development](https://www.activiti.org/) (Business Process Model and Notation)
* Involved in Customize the RSuite product as per the client requirement
* Involved in Java development with [JBPM](https://www.jbpm.org/) automate business processes and decisions.
* Worked to migrate the data from older version MarkLogic database to the latest compatible version of RSuite like MarkLogic v4.x to MarkLogic v9.x and validated the migrated data against existing database
* Worked to replicate the existing flow / Workflow task in the new version of RSuite
* Involved in deployment the latest commit into AWS cloud instance to verify the changes
* Replicated the UI, User Groups, LDAP-based Active Directory Users and Roles from running production instance into Test and Pre-Production AWS instance
* Worked with Business Rules Engine for businesses solve automation challenges in distributed, highly-scalable and cost effective infrastructures
* Generate project release reports using Jira

Technology:

Language: Java, J2EE, Spring, Struts, RESTful API webservices

Database: [MarkLogic](https://www.marklogic.com/) and MySql Tools: Gradle, ANT, Maven, Apache Tomcat, Eclipse

Business Rules Management System: [JBPM](https://www.jbpm.org/) , [Activiti BPMN](https://www.activiti.org/) and [Drools](https://www.drools.org/)

UI: JavaScript, JQuery, Ember.js, AngularJS (for RSuite v6.0)

**Live instance and AWS instance URLs:**

StayWell: <https://devcontent.staywell.com/rsuite-cms>

HCP: <http://54.224.83.46:20101/rsuite-cms/>

*ATD:* <http://rsuite_atd.us5.rsuitecms.com/rsuite-cms>

*HHP:* <http://54.224.83.46:20103/rsuite-cms>

*OUP:* <http://54.224.83.46:20102/rsuite-cms>

*Project 3 – MAC (Apple desktop) Product Maintenance*

**Description**: The purpose of the project was to allow users to author and generate a content package that would be delivered via [Dash Web Application](https://dashweb.pearsoncmg.com). Oxygen XML Author is the authoring tool that was used by the users.

* Maintain the oXygen XML Author framework code which was developed in Java, Objective-C, Python, JS, CSS3, HTML5, RNG, XSLT.
* Work on bugs and new feature requests posted on JIRA.
* Update the Oxygen XML Author custom framework plug-in to support the enhancement.
* Modified the authoring architecture and content publishing to support addition of new features to the [Dash Web Application](https://dashweb.pearsoncmg.com)
* Performed to initiate automated content publishing as and when requested.
* Attend weekly status calls with Pearson stakeholders to review the open issues / new feature in Jira
* Provide the latest Framework Installer and release notes to support the new features / bug fixes

Technology:

Java, J2EE, Objective-C, Python, JS, JQuery CSS3, HTML5, RNG, XSLT, RESTful API webservices

*Project 4 – Automating the content publishing process*

**Description**: The project was about automating a manual content publishing process that involved multiple steps. One of the requirements for the project was to find a way to allow users that don’t have access to a MAC computer to perform the publishing process.

* Created a web interface through which users can upload the content to be published.
* Created controls within the web interface to communicate with the MAC server to perform the publishing process.
* Used the web interface to display the status of the publishing process and provide logs.
* Used HTML 5, CSS 3 and Javascript for the web interface
* Used Java and its associated services to create a communication service between the web interface and the MAC server.

URL: <https://dashweb.pearsoncmg.com/>

Technology:

Java, J2EE, Python, JS, JQuery CSS3, HTML5, J cross-platform Shell script, RESTful API webservices

*Project 5 – Migrate iOS Publisher (Objective-C) to Java*

**Description**: The project was about migrating the iOS publisher (Objective-C code) to Java so that users can perform the publishing process on all the platforms like platform independent.

* Rewrite the Objective-C code using Java
* Deployed the updated code on a Linux server to allow users to publish the code using that server.
* Created a web interface through which users can upload the content to be published.
* Created controls within the web interface to communicate with the Linux server to perform the publishing process.
* Used the web interface to display the status of the publishing process and provide logs.
* Used HTML 5, CSS 3 and JavaScript for the web interface
* Used Java and its associated services to create a communication service between the web interface and the Linux server.

URL: <http://dashwebpublishppe.pearsoncmg.com>

Technology:

Java, J2EE, Objective-C, Python, JS, jQuery CSS3, HTML5, RNG, XSLT, RESTful API webservices

*Project 6 – Server Maintenance*

* Maintain the client Linux, Mac OS and Windows servers
* Deploy the release code to 6 nodes (for load balance)
* Performance improvement and background jobs automation
* Performed server upgrades
* Server Backup and SVN maintenance
* Manage remote servers

*Project 7 – Android development - Kitaboo*

* Develop and maintain the Kitaboo reader
* Access offline packages and Sync the data to the server when it is connected to the internet
* Read aloud capabilities, auto image magnification and MathML support
* Annotation sharing by students and teacher review of individual student annotations

Play store url: <https://play.google.com/store/apps/details?id=com.hurix.kitaboo.cloudreader>

Technology:

Java, CSS, HTML, IDE - Android Studio

*Project 8 –* ***MHE Microsites –*** *Built and managed as many as 10 Microsites for MHE*

**Responsibilities:**

* Built the websites based on the assets provided by MHE Creative Team.
* Built separate admin sections for managing the Microsite independent of the main site.
* All Microsites are built mainly using WordPress html, xml, JSON and PHP.
* Manage site and content copy.

Technology:

WordPress, HTML, XML, JSP, Servlets, JSON, Java, J2EE, SOAP Web Services and PHP

**Achievements / Awards**

* Was awarded the “*Hurix Best Coder of the year*” award for the year 2013-2014.
* Was awarded “Star of the Month” twice at Hurix Systems.

**Education**

*B.C.A (Bachelor of Computer Application)*

*June/2010*

**Certificates &Trainings Attended**

*AWS Certificate*

*5 days online training on Developing MarkLogic Applications l: Java from MarkLogic University*

*J2EE*

*DCA*

**Strengths**

*Have an urge to update myself on new technologies. Have good programming knowledge. Able to Analyze & Resolve queries in a systematic manner independently as well as a team to arrive at appropriate solutions*

**Personal Details**

*Positive Thinker*

Nationality : India

Marital Status : Married

Hobbies & Interest : Learning new things

Permanent Address: No 394, Cheif Secretary Quarters, 1st floor

Thuraipakkam, Chennai, Tamil Nadu - 600097

Date:

Place: Chennai - Tamil Nadu - India