**Abhilash Reddy Nalla**

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| **Objective** |

To obtain a challenging software position with expertise in implementing Web and Database applications using Java and new Bigdata technologies and also with an ability to learn latest technologies in challenging environment.

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| **Professional Summary** |

* Experienced in development, implementation and maintenance of Web Applications in cloud (AWS, Azure).
* Created and implemented benchmark workloads for internal R&D use.
* Performance measurement, analysis, and tuning using Cloud computing and EC2.
* MarkLogic Server design and implementation work, including XML Data Modelling, XQuery and XSLT.
* Expertise in developing web based applications using Core Java, J2EE and REST APIs.
* Successfully composed 2000 lines of high quality code with no issues during deployment.
* Developed approximately 50 JUnit and TestNg test cases
* Developed Database Architecture, Design and Data Models.
* Experienced in N-Tier architecture and utilized Business model mapping layer and Presentation layer using Spring MVC.
* Knowledge on SQL and No-SQL database like MarkLogic, OpenTSDB and Mongo DB in writing SQL queries and XPath expressions.
* Executed, Deployed 55 million $ project successfully by leading a team of six.
* Proficiency in web design, frontend/backend development and ETL tools.
* Expertise knowledge on Object Oriented concepts and Java Development Frameworks.
* Excellent analytical, problem solving skills and highly motivated to deliver quality solutions

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| **Technical Skills** |

**Technologies :** Spring Core/MVC3, Log4J, Bootstrap, Rest Services, Hibernate, JDBC

EasyRec, Revive Ad Server, Drupal 7.

**Programming languages :** Core Java, JQuery, XQuery, XSLT, XML, AngularJS JavaScript, CSS3, JSON.

**Databases :** MySQL, MS SQL Server, MarkLogic, Mongo DB, openTSDB.

**Web Servers :** Apache Web Server, Tomcat, Jetty Server.

**Development tools** :Eclipse Kepler/Luna, Net Beans.

**Operating Systems** : Windows Server, Red hat Linux

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| **Educational Qualification** | |
| Master of Science Information Technology | |

**Professional Experience**

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| **Valparaiso University – Web Administrator April 2016 – Till Date** |

**Responsibilities:**

* Experience in planning and delivering software platforms used across multiple products and organizational units.
* Deep expertise and hands on experience with Web Applications and programming languages such as Java, Spring, Hibernate, oracle, HTML, CSS, JavaScript, JQuery and API's.
* Deep functional knowledge or hands on design experience with Web Services (REST, SOAP, etc.).

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| **Cognizant Technology Solutions – Programmer Analyst** |

**Campaign Management July 2014 – Dec 2014**

**Responsibilities:**

* Developed several Java services to perform CRUD operations on underlying business objects.
* Analyzed and validated the business model in Spring MVC by performing consistency check, validating logical source tables.
* Developed customized reports and graphs as per End user requirement.
* Prepared Data Modelling design documents and Test Cases.
* Built a new custom Test class using LOG4J for checking various inputs.
* Worked on various POCs for Ad Insertion on campaign videos through Easy Rec and Revive ad server.
* Involved in data modelling design for OpenTSDB for generating graphs of campaign users.
* Developed and customized the coding of mapping between OpenTSDB and Analytics charts.
* Involved in testing the uses cases and generate reports.
* Extensively used front-end technologies like Bootstrap, Angular JS, HTML5 and CSS3 to give a rich front-end look for the End user.
* Used SQL tools like PhpMyAdmin to run SQL queries and validate the data in database.
* Coordinated activities towards meeting project timelines.

# **R&D Project: Proof of Concept on MarkLogic Jan 2015 – May 2015**

**Responsibilities:**

* Attended meetings with Subject Matter Experts (SME), Business Analysts and End-Users in gathering and analyzing the Business Requirements.
* Developed several XSLT-based utilities for generating Java source code from XML representations.
* Developed customized reports and graphs as per End user requirement.
* Prepared Data Modelling design documents and Test Cases.
* Built a new custom Test class using LOG4J for checking various inputs.
* Involved in data modelling design for MarkLogic for transformations based on Input files.
* Developed and customized the coding of mapping between MarkLogic and Rest Services.
* Involved in testing the uses cases and generate reports.
* Extensively used front-end technologies like Bootstrap, Angular JS, HTML5 and CSS3 to give a rich front-end look for the End user.
* Developed a JDBC-based API, including the necessary SQL, to access underlying DB2 database for the Partners project.
* Created search for mobile app from scratch using Mark logic search: search API.
* Handled MarkLogic related production issues and automated data loading process.

**Client: UKTV - London May 2015 – Dec 2015**

**Responsibilities:**

* Responsible for design, implementation, and deployment of professional service projects.
* Experienced in Service Oriented Architecture (SOA) and building REST and SOAP web services using MarkLogic and Java.
* Worked closely with customer developers, IT staff, and business users to model real-world problems, design solutions, implement working systems, and deploy them.
* Designed and implemented XML schemas, XQuery APIs, Java APIs, business logic, and XHTML/XML/JavaScript user interfaces.
* Worked with product development to integrate customer requirements into MarkLogic Server.
* Taught XML, XPath, XQuery, and MarkLogic Server courses for external developers and IT staff, and for new employees.
* Developed and enhanced training materials as needed.
* Provided tutorials and open-source code projects for the Mark Logic developer site
* Mentored new employees in the consulting and support groups.

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| **DCS Labs - Software Developer** |

**E–Commerce Inventory Management Jan 2013 – April 2014**

* Deep expertise and hands on experience with Web Applications and programming languages such as Java, Spring, Hibernate, Oracle, HTML, CSS, JavaScript, JQuery and API's.
* Deep functional knowledge or hands on design experience with Web Services (REST, SOAP, etc.) is needed to be successful in this position.
* Experience in planning and delivering software platforms used across multiple products and organizational units.
* Develop frameworks for websites based on approved design, ensure it works as expected.
* Establish guidelines and procedures for project changes.
* Working knowledge of JAVA/J2EE development, Struts, spring, AJAX, and JBoss.
* Expertise on Eclipse IDE, Junit, ANT, Maven, CVS, and SVN.
* Working knowledge of server side development using servlets, XML/XSD, Web services.
* Maintain cutting edge knowledge of current and emerging technologies, industry trends and standards

**Greater Chicago Area Abhilash Reddy Nalla**