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| **­­Aishvarya Arul Nambi**  Software Developer |  | 613-709-5375  aishvarya.an@gmail.com  918–25 Woodridge Crescent,  Nepean, ON, K2B7T4. |

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**Summary**

* Software Programmer with Experience in Web Development using Java.
* Completed Master’s in Computer Science with a GPA 3.87 at University of Ottawa.
* Strong in Object Oriented Programming.
* Experienced in working around Open Source technologies.
* Proficient in software development using Software development life cycle (SDLC).
* Proficient in different testing techniques.
* Excellent Team Player with great communication skills.

**Education**

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| **Degree** | **University** | **Year Completed** | **GPA** |
| Masters in Computer Science | University of Ottawa | 2016 | 3.87 |
| Bachelors in Computer Science | Anna University | 2010 | 3.6 |

**Technical Skills**

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| Programming Languages | Java, JavaScript, HTML, CSS, jQuery. |
| Technologies | J2EE, REST, JUnit, Hibernate,  Data warehouse. |
| Databases | SQL Server, Oracle 10g, 9i, MySQL, MongoDB. |
| Operating Systems | Linux, Windows. |
| Tools: | Eclipse, EclEmma, Firebug, Visual Studio, Unity, Blender, Rational Quality Manager, Rational Functional Tester, Selenium, SVN, CSV, GIT, Jira, OpenNLP, TweetNLP. |

**Professional Experience**

**IBM, Ontario, Canada (October 2012-February 2014)**

**Software Test Specialist**

**Responsibilities:**

* Designed and developed automation scripts after completion of the sprint (Rational Functional Tester)
* Creating test plans and executing the test cases (App Scan Source, Rational Quality Manager, Eclipse, Visual Studio)

**Achievements**:

* Pushed for an automation framework for App Scan Source using RFT (Rational Functional Tester).
* Reduced the testing time by 50% by using RFT automation tool.
* Handled the sanitary testing and completed it overnight for the release.

**Project:** IBM Security App Scan Source

**SDLC:** Agile

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**Impact Solutions, Coimbatore (March 2010 – February 2011)**

**Software Programmer**

**Responsibilities:**

* Porting data from one application to other (Excel, MySQL, Shell Script).
* Designed and developed customizations around open source software(Oscar) to fit the client needs (Java, JavaScript, ant, Spring, Hibernate, MySQL, Eclipse).
* Testing features (Bugzilla).
* Built custom Linux based ROM’s for micro-controllers (Open embedded, C#, Openldap).

**Achievements:**

* Implemented on a home grown version of ETL for porting data from one system to other.
* Setup an end-end development environment between Open Embedded and the microcontroller and trained the rest of team members in the development environment setup.
* Created a cross compiler by reverse engineering an existing cross compiler configuration file

**Projects:**

* SIP based crypto Phone
* OSCAR “Electronic Medical Record” management system

**SDLC:** Waterfall

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**Ottawa University (January 2015- April 2016)**

**Teaching Assistant**

**Responsibilities:**

* Conduct tutorials and labs for undergrad students (Junit, Eclipse, Mockito, ECLEmma).
* Evaluate their exams and assignments.
* Supervise their exam.

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**Academic Experience**

**Ottawa University (September 2014 – April 2016)**

**Masters Student**

**Responsibilities:**

* Designed and developed E-commerce web-site (JavaScript, JQuery, Java, J2EE, Junit, Hibernate, CSS, HTML, MySQL, MongoDB, SSL, HTTPS, REST, SOAP, Eclipse)
* Designed and developed scripts for animating objects in virtual reality (Unity, C#, Blender)
* Designed and developed ETL model for National Collision Data Warehouse (SQL Server 2012, SQL Server Integration Services, Report Builder)
* Designed and developed Ad-hoc network simulator (HTML5, CSS).
* Designed and developed tools for measuring performance of NLP tools (Java, openNLP, TweetNLP)**.**

**Achievements:**

* Graduated with a GPA of 3.87

**Projects:**

* CD store [E-commerce website]
* Immersive Virtual Reality with Biofeedback for Exposure Therapy
* Compare the performance of several part-of-speech taggers on social media texts versus newspaper texts.
* Ad Hoc Network Simulator
* National Collision Data Warehouse
* Machine language Learning a new tool “KEY”

**Reference Available On Request**