# Professional Summary

* **More than 3 years** of experience as Senior Software Developer at Accenture
* Worked as **Java Developer** in build team of Scottish Police project.
* Worked as Module lead for Intelligence report module, my work majorly includes work on service layer, DAO layer and using **hibernate** at back end, application server **JBoss** was used as the deployment server.
* Extensive work experience on **spring batch** technology, developing an automated reminders functionality for “Task reminders and escalation module”
* Experience of working on **Elastic search** technology in Advance search domain, on **Bulk search** of Data.
* Worked as a part of the enhancement team in the project “**Department for work and Pension**” for **UK Government** under the health and public safety department.
* Developed online shopping website as demo project during the Accenture Greenfield Training.
* Working for Research project “**Claimbuster**” at **University of Texas at Arlington** under the guidance of Dr. Chenkai Li
* Currently working on development of the **Hybrid mobile web application** using AngularJs, Ionic and cloud platform Parse.
* **Published whitepaper** for Accenture for the getting the real time feed of two different person location on the map.
* Contributed to the Brown Bag sessions conducted by Accenture.
* Presented the seminar on JMock testing framework for the An Garda project in Accenture.

# Education

* Currently pursuing **Masters** at **University of Texas at Arlington** in **Computer Science**.

**Fall 2015 GPA – 4.0/4.0**

* **B.Tech** in Computer Science from **Walchand College of Engineering**, India (2012)

**CGPA 7.24/10**

# Technical Skills

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| --- | --- |
| Programming Languages | Java, Python, C,C++ |
| J2EE frameworks | Spring 3.2, Hibernate, Spring Batch |
| Databases /Tools | MySQL, NoSQL (Parse-MongoDB), SQLdeveloper |
| Mobile Platform | Android, Cordova, Ionic |
| Web Frameworks | Django |
| Web Technologies | AngularJs, JSF, HTML, CSS, PHP, Joomla 3.4,Wordpress,XML, web services |
| Operating System | Windows, Linux |
| Version Control | Git, SVN |
| Cloud Platforms | Prase, AWS, Microsoft Azure |
| Servers | JBoss, Apache Tomcat |

# Associate Research Assistant

## Project: Claimbuster

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| Institution | University of Texas at Arlington |
| Duration | Nov 2015 - Current |
| Role | Research Assistant |
| Environment | Python, HTML, JavaScript, Ajax, XML, Django Framework, SVN, Linux Server |

### Description

ClaimBuster system monitor live streams, websites and social media to catch factual claims, detect matches with a curated repository of fact-checks, and deliver the matches instantly to viewers; for professional fact-checkers. ClaimBuster suggests new claims worth checking and provides computational tools that help the fact-checking process.

### Responsibilities

* Worked on web module to implement the social login functionality using the python-social-auth libraries.
* Worked on the web module in the Django framework.
* Configured yml files for the dependency management in Django framework.
* Implemented the social login for the application using Facebook, Twitter, Google+ and LinkedIn.
* Managed the admin module to handle the users.
* Implemented the registration functionality for claimbuster project using the registration redux libraries.
* Maintained the version of the code using the SVN.
* Deployed the code on the Linux server and tested the same in real environment.

#### Future Work

* Development of the discussion forum for the claimbuster project.

# Professional Work Experience

## Project: Intelligence management

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| Client | An Garda Síochána |
| Employer | Accenture |
| Duration | Jan 2012 – August 2015 |
| Role | Senior Software Developer |
| Environment | JSF, Spring MVC framework, Hibernate, Gift, JBoss |

### Description

Intelligence Management system is an application software which comes under Public Safety domain. It helps to cover major crime & terrorism police operations in optimal time. It helps in streamlining the flow of existing processes. It also provides restricted access to the users of the system based on their roles and responsibilities. Using this application, User can report a crime with the available information in any format and also, police officials can create report, provide feedback followed by multiple rounds of review options.

### Responsibilities

* Analyzed the functional documents and verification of the functional document to identify the functional limitation.
* Designed the Technical Document and verified the technical design documents of the peers.
* Managed the tracker for UI components, its progress and reporting to project managers.
* Design and implemented the unit test cases, implementation of the JMock framework to support the better unit testing for the project.
* Code development, bug fixes, documentation, code reviews and support.
* Developed the module which includes the development of the “Report Generation Screen, this screen had the various functions like report generation, linking the various entities involved in the crime, navigation through the side menu, different modes the pages would open such as (edit, read-only, intelligence mode, comments only mode).
* Worked as Module lead for the screen “Task Reminder and Escalation”, used the spring batch technology to send the automatic task reminders to the particular Intelligence officer.
* Coded Bulk search Module, written complex MySQL queries minimizing the time required to retrieve the data.

## Project: Work and Pension System for UK Department

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| Client | UK Government |
| Employer | Accenture |
| Duration | October 2012 – Dec 2012 |
| Role | Associate Software Developer |
| Environment | Java, JSP, Oracle, Selenium |

### Description

The Department for Work and Pensions (DWP) is responsible for welfare, pensions and child maintenance policy. This system helps U.K. citizens and government officials in processing of pension in transparent manner. Using this application, Eligible candidates can claim their pension with multiple available options and government officials can process the claimant request after multiple review processes in optimal time. Claimants are also able to track their application.

### Responsibilities

* Worked as a part of the enhancement team major work was to test the flow of the application and to make changes in java code.
* Worked on defect fixing with zero tolerance for reopen.
* Tested the application using the automated testing tool selenium.
* Performed the regression testing and the performance tuning for the application.
* Managed the tracker for UI components, its progress and reporting to project managers.

# Academic Project

## Project: Hadoop Implementation

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| Institution | University of Texas at Arlington |
| Duration | Sep 2015 |
| Environment | Hadoop framework, Linux |

### Responsibilities

* Installation of the Hadoop framework on the Linux environment
* Implemented the Mapper and the Reducer in Java to take the averages of the different weather parameter during the daytime over a period of month then ultimately converging it over a period of year.
* Designed the algorithm for the problem statement and reduced the data to get the required output.
* Utilizing all the processor core to Map and reduce the large chunk of the data which is present in the input file.

## Project: Transaction Management

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| Institution | University of Texas at Arlington |
| Duration | Oct 2015 |
| Environment | C, C++, Unix/Linux, pthreads |

### Responsibilities

* Implemented the two phase locking protocol in C and C++ , used the pthread to create the different transactions and granting them permission to read and write, synchronized using locking mechanism.
* Created the virtual processes using the pthreads to make it act like individual transaction competing for the lock.
* Worked on the removal of the deadlock from the transaction schedule if deadlock is detected.

## Project: SQL to XPath Query translation

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| Institution | Walchand College of Engineering |
| Duration | Oct 2015 |
| Environment | IBM RAD, Java, XML |

### Responsibilities

* Worked on mapping the SQL query to the xpath queries, used the mapping to retrieve and store the XML data into relational database.
* This project was the implementation of the IEEE paper which has the relevance for the web data to store in the form of the relational data.