**Vijayashree Uppili**

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**SUMMARY**

Passionate software engineer with a strong understanding of agile methodologies, life cycle of software development, complex transformation logic using ETL tool, requirement gathering, database designing and deployment process and team management.

**EDUCATION**

**Master of Science** in Information Systems **GPA:3.94/4.0 January 2016 — December 2017**

**Northeastern University Boston, MA**

Relevant courses: Application Engineering Development, Program Structure and Algorithms, Web Development Tools and Methods, Smartphones Based Web Development, Big Data, Data Warehouse and Business Intelligence, Data Management and Database Design

**Bachelors of Engineering** in Electronics and Communication **GPA: 3.65/4.0 June 2008 — June 2012**

**LDRP Institute of Technology and Research Gujarat, India**

**SKILLS**

Programming Language: Java. Objective-C

Big Data Technologies: Hadoop

Web Technologies: HTML, CSS, Bootstrap, JavaScript, Servlets, Struts, Hibernate, Spring

Database: MySQL, SQL Server, Oracle 11g, Datastax enterprise graph, JanusGraph

Tools: Visual Studio, NetBeans, eclipse, Informatica-PowerCenter, Talend, Git

BI Tools : MS Excel, PowerBI, Tableau, Qlik

OS: Windows, Mac

**PROFESSIONAL EXPERIENCE**

**Metadata Intern January 2017 — June 2017**

**Intralinks, a Synchronoss Business Waltham, MA**

* Conducting performance testing of dse graph and Janus graph with the load of 1 billion vertices and 2 billion edges using jmeter.
* Writing gremlin queries for graph traversal and analysing their behaviour.
* Developing API using nodeJS to connect to graph database and perform crud operation.

**Teaching Assistant September 2016 — December 2016**

**Northeastern University Boston, MA**

Worked as a teaching assistant for Application Engineering and Development course.

**Software Engineer December 2012 — December 2015**

**Syntel Ltd Pune, India**

* + Developed application handling appraisal process using Java spring-hibernate framework for Human Resource department. This application reduced manual effort of sending mails and evaluation of candidate by 40%.
  + Deployed appraisal application in test, QA and production server and performed unit and integration testing.
  + Wrote Unix scripts to FTP files reducing manual efforts of downloading files on timely basis by 50%.
  + Automated the process of data flow from Informatica to Salesforce which helped to reduce manual efforts by 80%.
  + Wrote stored procedures to handle data validation like duplicate checks, invalid data check and space check in PL/SQL. This ensured overall integrity of data.
  + Created detailed design documentation of the project, compliant with the healthcare domain standard**.**

**ACADEMIC PROJECTS**

**Northeastern University Boston, MA**

**Data Warehousing, Integration and Visualization November 2016**

* + Integrating data using Talend and SSIS from various SOR (Flat files- CSV, MySQL, SQL Server, PostgreSQL) and creating Business analytical reports using Tableau, QlikSense and Microsoft Power BI.

**Big Data Analysis September 2016**

* + Implemented summarization, join, filtering patterns for trend analysis of big datasets using MapReduce.

**Ayurveda – One Stop Solution May 2016**

* + Developed a web application using Spring MVC and hibernate framework for Ayurveda (the lifesaving natural medicinal method). Designed web pages using velocity and AngularJS. Currently working on developing smartphone application for it.

**SWAN – Secure Work Area Network March 2016**

* + Developed a final project in first semester using Java swing application on Cyber security during first semester. A security team monitors the activities of employee who tries to access PHI information from home and take required action if found any suspicion.