HARSHA HASSAN SOMASHEKARA

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Education

University at Buffalo, The State University of New York   **GPA**: 3.74/4.0
Master of Science: Computer Science, Current   Anticipated Graduation: December 2014
Courses Taken: Programming Languages, Distributed Systems, Software Engineering, Algorithms, Mobile Computing, Data Intensive Computing, Machine Learning, Seminar on Cloud Computing.
Visveswaraya Technological University, Bangalore, India   **GPA**: 3.5/4.0
Bachelor of Engineering   2010

Languages and Technologies

Web Development: AngularJS, NodeJS, JavaScript, HTML5, CSS, JQuery, JSON, XML
Programming Languages: Java, J2EE, SAP ABAP, Python, C, C++
Databases: MongoDB, Redis, MySQL, SAP R/3, SAP HANA, SQLite
Query Languages: SQL, SQL Script, Pig Programming, HiveQL
Mobile Development: Android Application Development, Ionic Framework, Cordova, Arduino
Tools and Frameworks: Hazel Cast, Hadoop, HDFS, Map Reduce, SAP, Eclipse, WebStorm
Testing Frameworks: JUnit, Jasmine
Others: Object Oriented Concepts, Financial Accounting, Servlets, JSP, Agile, Git, HTTP, REST, Gradle

Selected Projects

1. Rate My Apparel (Parse.com and Facebook APIs)
- Developed Android Application to share questions, images and thoughts.
- Used Facebook APIs for authentication and to fetch the friend-list.

2. Exploratory Data Analysis using R
- Analyzed sports data set and plotted visualizations including Geo-location mapping.

3. Big Data Content Retrieval, Storage and Analysis using Hadoop 2(Map-reduce Java)
- Used Twitter APIs to collect the tweets data and performed analysis on this data based on the information like number of followers, trending keywords
- Implemented word co-occurrence("Strips", "Pairs"), K-Means and Shortest path algorithm.

4. Student Utility App
- Developing a Web and Mobile App to maintain the student portfolio using MEAN stack.

Work Experience

Amazon, Seattle, WA, USA(March 2015 to present)
Working on Advertising Platform
Cengage Learning, Farmington Hills, MI, USA*(May 2014 to Aug 2014)*
1. Lean Coffee Meeting Facilitator Application
- Developed a real time, collaborative web application to facilitate lean coffee meetings.
- Worked on both front end and back end functionalities using NodeJS and Express, Socket.io, MongoDB and Mongoose, AngularJS and JQuery, developer APIs and Web Services

SAP LABS, Bangalore, India (March 2011 to August 2013)
1. GS HANA (Development)
- Explored SAP HANA architecture, data modeling, SQL Scripting and Data Provisioning

2. MENA (Development)
- Developed country specific financial accounting software including new transactions and screens to enter invoice, payment and its processing
- Developed work flows for approval of Invoice (Expenditure order)
- Developed Tax Calculation programs (Withholding Tax and Corporate Tax) and report programs
- Enhanced existing vendor master creation program to add tax card details

3. Legal Reporting (Development & maintenance)
- Developed Report programs for the calculation of VAT, In-cash Payments, and Subsidies.
- Modified standard tax calculation procedures and added enhancements for reports of Spain (Modulo 340 and 347), Portugal Tax Reports (SAFT).

Tricon Infotech Pvt. Ltd., Bangalore, India*(Jan 2011 to March 2011)*
RQMS (Residential Quarter Management System) : Developed Quarter Master Creation functionality and programs to upload legacy data using screen transaction