

Yuvaraj Sundarrajan

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OBJECTIVE

Seeking full time opportunities in an interesting and challenging software discipline.

EDUCATION

The University of North Carolina at Charlotte

Master of Science, Computer Science

Charlotte, NC

Dec 2017

Sri Venkateswara College of Engineering

Bachelor of Technology, Information Technology

Chennai, India

May 2013

SKILL SET

Languages: Java, Scala, Python, JavaScript, R, SQL, XML, HTML, PL/SQL

Frameworks: Spark, Hadoop MapReduce, Sqoop, Hive, Fume, Kafka, Spring MVC, Spring Batch, Spring Boot, JSF, JQuery, AngularJS, Hibernate, Cucumber, Junit, SOAP, REST, Ajax, JSP – Servlets, JSON

Tools/Software: Kibana, ElasticSearch, AWS, Gradle, Maven, Ant, Github, SVN, MyEclipse, MySQL, SQL server, Oracle 11g, Mongo DB, Apache Tomcat, Oracle WebLogic server, Tableau, Soap UI, Postman.

WORK EXPERIENCE

Graduate Teaching Assistant, University of North Carolina, Charlotte

Jan 2017 to present

- Currently working as Teaching Assistant for Programming Languages course under Dr. Mohsen Dorodchi, delivering a range of teaching and assessment activities including tutorials for students.

Programmer Analyst, Cognizant Technology Solutions - India

Aug 2013 to May 2016

Risk Management Information System, The Hartford

May 2015 to May 2016

- Worked as a member of agile development team, Contributing in Porting and extending the legacy mod PL/SQL application to J2EE web application.
- Developed the UI using Primefaces over JSF. UI was backed up with Spring, JPA with Hibernate 4.3 over Oracle 11g.
- Worked on proof of concept for interacting with Oracle based app and WebLogic app seamlessly using single signon

Enterprise Claims Operating System, The Hartford

March 2014 to April 2015

- Developed batch jobs to process large volumes of data in Oracle DB published by Guidewire using Spring batch framework and transform them into different formats based on requirements.
- Developed REST web services to expose data to the external applications. Analyzed root causes hindering the performance of batch jobs & resolved them to reduce the running time.

Account Service Agreement (ASA), The Hartford

Aug 2013 to Feb 2014

- Developed account search, new account, edit account and delete account functionalities using spring MVC framework. Consumed SOAP web services exposed by external applications.

ACADEMIC PROJECTS

Scholarly Article Recommendation System

March 2017 to May 2017

- Implemented recommender system with three different approaches to recommend related articles to the user using Hadoop Map Reduce on large set of data. (<https://yuvaraj1291.github.io/CloudReport/>)
- Eigen factor approach– recommends article based on their citations & their eigen factor score.
- K means approach – Implemented k means algorithm to find related articles based on title and abstract information
- Article Ranking Using Author/ Venue and Citation Information -This approach makes use of author, venue and citation information to rank the related articles.

Implementation of Page rank Algorithm

Feb 2017 to Feb 2017

- Implemented page rank algorithm on a large corpus of hyperlinked documents using Hadoop MapReduce

Gluster Community Dashboard Using Grimoire ELK:

Oct 2016 to Dec 2016

- Worked on Red hats open source project Grimoire ELK for Gluster Community Dashboard and added new features to track github, twitter, google and Facebook data. **Technologies:** Python, Elastic Search, Kibana.

Travel Management System:

Sep 2016 to Dec 2016

- Developed a travel planner system, which describes about the climatic conditions, interesting places to visit, top hotels in the area and some additional features like travel reminders depending on the user's destination.

Technologies: HTML, CSS, Angular JS, Java, Spring Boot, MySQL