Rambabu Govindaraj

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A Computer Science graduate seeking a full-time opportunity to exhibit potential technical expertise in the domain of web and software development.

Education

University of Texas, Arlington | GPA: **3.23/4.0**
Masters in Computer Science , Specialization in Database & Networks | 2015–2017

Anna University, India | GPA: **8.0/10.0**
Bachelor of Engineering, Specialization in Computer Science and Engineering | 2010–2014

Technical skills

- **Languages:** C++, Java, Python, Scala, HTML/CSS, JavaScript, PHP
- **Databases:** MySQL, Oracle, MongoDB, SQL Server
- **Web Technologies:** AJAX, Bootstrap, jQuery, Angular2, Node.js
- **Big Data Technologies:** Apache Hadoop, MapReduce, Spark, Pig, Hive
- **Other Tools:** Eclipse, Android Studio, Visual Studio, Git
- **Cloud Services:** AWS

Certification

- Oracle Certified Java Professional | *June 2012*

Professional Experience

Infosys Ltd., India
Systems Engineer | *July 2014 – July 2015*
Developed and maintained scripts that monitored the loading of files during ETL process. Designed SQL queries that validated data stored in the warehouse. Experience in resolving issues that occurred during ETL processing.

Infosys Ltd., India
Software Developer Intern | *Jan 2014 – May 2014*
Worked on an Email Organizer project which enables the scheduling of e-mails for a future date and time and allows categorization based on the user requirements.

Academic Projects

- Developed a MapReduce program that predicts the number of high utilization periods of websites from a weblog.
- Implemented graph processing in both MapReduce and Spark.
- Implemented network anomaly detection using K-means algorithm in Apache Spark/Scala.
- Designed a prototype search engine that predicts a document that matches a given query string and predicts document clusters.
- Modeled a Network Flow using Ford-Fulkerson and Edmond-Karp algorithms that perform Resource allocation and Project Scheduling.
- Developed an Android application that schedules Graduate Advising sessions and locates the Advisors using signals from BLE beacons.
- Designed an Android application that keeps track of expenses and income of a user and sends budget alerts.
- Designed a movie search web application using JavaScript and leveraging TMDB API.
- Developed a web application that uses Yelp API to search for restaurants in the area selected in Google maps.
- Implemented a message board application and a photo album application in PHP.
- Developed a PHP application for online shopping leveraging e-bay commerce API.
- Implemented a Multithreaded Server interaction with single threaded Client using HTTP Protocol.