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OBJECTIVE

Seeking full-time position to enhance my professional skills with opportunities for career growth and to achieve company's goals.

EDUCATION

UNIVERSITY OF TEXAS AT ARLINGTON, USA
Master of Science in Computer Science

Dec 2015
GPA: 3.5/4

Relevant Coursework: Database Systems, Computer Networks, Software Engineering, Advanced Database (KDD), Design & Analysis of Algorithms, Distributed Systems, Web Data Management & XML, Cloud Computing, Wireless Networks, Secure Programming, Advanced Software Engineering (Program Analysis),

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, INDIA
Bachelor of Engineering in Information Science

June 2011
GPA: ~3.7/4

KNOWLEDGE & SKILLS

Programming languages	Java, Apex, Python, C, C++, C#
Web	HTML5, CSS3, JavaScript, jQuery, JSP, PHP, AJAX, AngularJS, Node.js
Operating systems	Windows, Linux
Databases	MySQL, Oracle, NoSQL (Dynamodb)
Others	Salesforce.com, Apex Programming, Visualforce, PL/SQL, REST/SOAP, Android, Agile Methodologies, MVC, XML, Swings, Spring, Hibernate, Amazon Web Services (AWS), Google Cloud (App Engine), Hadoop

WORK EXPERIENCE

System Engineer | INFOSYS LIMITED, INDIA

Sep 2011 – Dec 2013

- 2+ years of experience in Java, Salesforce.com, Visualforce, Apex, REST/SOAP, SQL
- Trained on C++, RDBMS, Java, J2EE, Web technologies and Salesforce.com
- Worked on the development and deployment of Air Liquide HC SFDC instance and resolving priority requests and incidents on a limited timeframe. Responsibilities include migration of SFDC configurations from Air Liquide IM instance to HC instance, enhancements on the interface, testing, deployment and pre-refresh/post-refresh tasks.
- Worked on resolving various types of priority issues for One-Dupont and DPC (Axalta). Responsibilities include major configuration modifications, enhancements in apex classes/triggers, deployment and pre-refresh/post-refresh tasks.

PROJECTS

Online Electronic Store Website

June 2014 – Aug 2014

- Features include basic free text search, advanced search of products, category navigation, store details and social network sharing with new modern look and feel
- Developed using J2EE, MySQL, MVC architecture, Singleton and Factory design patterns and it followed the complete SDLC and Agile methodologies. SCM, static code analysis, testing tools were used
- Hosted on Amazon web services using the services of EBS, RDS and EC2.

TouchJDE - Web-based Java IDE

Feb 2015 – May 2015

- Inspired from Microsoft's touchdevelop editor, developed a Java development environment to develop, compile, and execute Java programs on a browser.
- Features include creating user-specific project workspace, creating/editing Java class on the browser editor using on-screen touch-based input keyboard
- Compile and execute the program written on the editor to view the compilation results and output in the browser

Findbooks: Android app to find books using BLE Technology**Apr 2015 – May 2015**

- Android app to find books in bookstore using Android BLE technology. The app scans for nearby bluetooth smart sensors in bookstore to list them as categories of books
- On selection of a category, the list category-specific books are returned along with the exact location and details of the book. Developed using *CC2541 TI sensor tag* and Parse datastore

Big Data and Machine Learning on NCDC data**Apr 2015**

- Captured year by year interesting weather information over 25 years from NCDC dataset using Hadoop Map-Reduce
- Machine Learning was applied on this interesting information to view data clusters using k-Means Clustering
- Visualization was applied on this clustered data using **d3.js** to view interesting patterns. Developed all of the above on Amazon EC2 & cloud9.io

Web Application using AWS**Mar 2015**

- Implementation of simple web application using PHP to allow sellers to upload and delete product, and to view by categories of products.
- Developed using PHP, Amazon DynamoDB NoSQL for database and Amazon S3 for storage.

Completely Fair Scheduler (CFS) using Red Black Trees and Heaps**Dec 2014**

- Implementation of simplified version of Linux's Completely Fair Scheduler (CFS) using Red-Black Trees and Heaps data structure in Java
- The scheduler processes the task based on its unfairness value. The tasks are inserted into the RB tree based on this unfairness value. Compared the performance with Heap implementation

Chat Room Applications (Client-Server & Peer2Peer)**Sept 2014 – Oct 2014**

- Features included creating a new chat room, chatting across multiple chat rooms by multiple users simultaneously, persisting the active chat and viewing it later
- Developed separately for client-server and peer2peer architectures
- Socket programming and multi-threading were used

Web Mashup: Display house prices on Google Maps**Sept 2014**

- Implementation of web application that creates a web mashup of two web services: Google Maps API and Zillow API. Marks the house location on the map, displays the zillow price and the postal address of the house when clicked on the map or based on the searched address.
- Developed using JavaScript and AJAX.

eBay Shopping Cart**Oct 2014**

- Implementation of a simple shopping cart web application using eBay Commerce Network API (ECN API).
- Developed using PHP

CERTIFICATIONS

Salesforce.com Certified Force.com Developer (SP13) DEV401