

# Raghavendra R Sangarsu

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## EDUCATIONAL QUALIFICATION

- Pursuing **Masters in Computer Science** from **University of Louisiana at Lafayette**[2014 - till date] with 3.7 GPA. I have secured 4.0 GPA in last semester .
- B.E., Information Technology, OSMANIA University, India with 3.66 GPA [2006 - 2010]

## WORK EXPERIENCE

Total Experience is 5 years.

- **[Jan 2014 - May 2015]** I worked as a **Research Assistant** at **Center for Business and Information Technology(CBIT)**, University of Louisiana at Lafayette for **18 months**.
- **[Dec 2012 – Dec 2013]** I worked as a *Software Engineer* for **CMC Limited** which is group company of **Tata Consultancy Services Limited(TCSL)** , Asia's leading software Services Company with 12 months of experience .
- **[June 2010 - Nov 2012]** I worked as a *Software Engineer* with **Prithvi Information Solutions Limited** for a period of 2 years and 6 months.

## TECHNOLOGIES WORKED

- **Web Technologies**
  - **HTML/CSS, JavaScript, Ruby, Java, AJAX, jQuery, AngularJS, ExtJS, NodeJS, BackboneJS, HTML5, CSS3, JSON, XML, SOAP** web services
- **Web Application Frameworks**
  - **Ruby on Rails(2.x,3.x,4.x), Springs , ASP.NET, Struts**
- **Web Service Technologies**
  - **Web Services (asmx) in .NET**
- **Database Technologies**
  - **MySql, Oracle (SQL, PL/SQL), PostgreSQL, MongoDB(No SQL)**

## PROJECTS

### Live Links:

<http://tourguide-ull619.herokuapp.com>

<http://poll-spark.herokuapp.com>

<http://neural-cash.herokuapp.com>

<http://nutjobfans-orig.herokuapp.com>

<http://staging-tapski.herokuapp.com>

<http://do-in-aday.herokuapp.com/>

<http://multichoiceapp.herokuapp.com>,

<http://node-drawing-game.herokuapp.com>

### At Prithvi Information Solutions:

**Penny-Talk Account Center:** It is a web application which has integrate with penny talk. Its major goal is to support the customer to recharge instantly as of when his balance reached the threshold amount. It can also used for the Administrator to manage the corporate accounts. site url : [www.pennytalk.com](http://www.pennytalk.com) .

**Technologies Used:** Ruby-on-Rails(ruby-1.8.6,rails-2.3.5), Haml, MySQL, JQuery (validate, Thick Box),Ajax.

**Developing Environment:** Windows XP, Eclipse.

**Client :** IDT Telecom

**Duration:** 3months (AUG2010 - DEC2010).

**Compass-Commitments :** Compass Commitment project is an application to support telecom domain.Commitment will have a sell Account and Buy Account.Commitment can buy Locations with Buy account and Sell Locations with the Sell Account.When we buy a location from other telecoms, they will charge us according to the settlement rate.When we sell a location to other telecoms, we can charge them according to the settlement rate.Using this we can calculate the Total Grass Profit(Revenue Generated-Amount spent). Its an internal project from our Client - IDT Telecom.

**Technologies Used:** Ruby-on-Rails, JSON, jQgrid, J Query(validate, Thick box), Ajax.

**Developing Environment:** LINUX(Ubuntu), Easy Eclipse, Oracle.

**Client:** IDT Telecom

**Duration:** 2months (JAN2011 - MAR2011)

**Compass-Financials:** It is an web application to support the generation of Invoice with details of Correlation. It includes Automated and manual Invoices. Its a supporting application for

compass-commitments.

**Technologies Used:** Ruby-on-Rails, XML, jQuery, jQuery(validate, Thick box), Ajax,.

**Developing Environment:** LINUX(Ubuntu), Easy Eclipse, Oracle.

**Client :** IDT Telecom

**Duration :** 4 months (APR2011 - JUL 2011)

**Minimee:** It is a mobile application to support a user to find out his health details and atmosphere information. This application will help user to find out his exercise timings and the amount of calories burnt. It should interact with various tools to access the data about the user. Here we worked with XML request and response objects. This application developed in Java Mobile Edition and the data saving and retrieving for various aspects like body temperature, heartbeat and a lot. Later, A website showing the graph comparing the data of current user with previous data of his own and comparing with his friends data. That is developed using **FLASH** object by Open flash chart which is javascript library.

**Technologies Used:** Ruby-on-Rails, XML, jQuery(validate, Thick box), Ajax.

**Developing Environment:** LINUX(Ubuntu), Easy Eclipse, Oracle.

**Client:** Orange

**Duration:** 2months (AUG2011 - NOV2011)

**Service-Number Inventory(SNI):** It is a web application to work with generating ServiceNumber with distributed sources like vendor and usage categories. This is the largest application that I ever developed. It was integrated with lot of modules. It has developed with Ruby-on-Rails, Oracle 11g, jQuery(validate, sorter, pager), Ajax. Table Pagination.

**Service-Number Reference Data Admin Tool:** This is a web application designed to maintain the admin data required for SNI(Service-Number Inventory). It will give usability to work with data of database tables of SNI. It has used gem 'rails-admin' and developed using Ruby-on-Rails, Oracle 11g, jQuery(validate, sorter, pager), Ajax.

**Client :** IDT Telecom

**Duration :** 11 Months(DEC2011 - NOV 2012)

### **At University of Louisiana at Lafayette & Center for Business and Information Technology:**

**EFFORT TRACKER SYSTEM:** This is an application used internally by employees and management of University of Louisiana at Lafayette. The key features of this application is to log work hours, review time sheets, assign projects to resources, maintain work orders by clients. Its a complete employee and project management system for employees and graduate assistants of university of Louisiana at Lafayette.

**Client:** Internal and mainly focused for CBIT

**Technologies:** Rails 4.2, jquery, javascript, sqlite3, bootstrap, ruby 2.x.

**Job Role:** Research Assistant

**Similarity Calculator:** This is an application used for calculating the similarity between two proteins based on their structure. This calculation is using Jaccard , Tanimoto and Cosine Algorithms.

**Client:** Project for Information Retrieval System Course.

**Technologies:** Rails 4.2, jquery, javascript, sqlite3, bootstrap, ruby 2.x.

**Groceries Finder:** An android application that automates the human effort of searching about the routine grocery products nearest to their place. Our application is used to enhance the user experience of locating

a product with respect to availability of the product, price and distance to the store and also facilitate the user to navigate to that particular store.

**Features:**

- Search for a grocery product.
- Category based searching of a grocery product.
- Retrieve and display the results from all the near by stores.
- Results should contain the product name, product image, price, store name, No. of miles away.
- Sort the results either by distance or by price.
- Upon user's selection, redirect it to maps page.
- Maps page should contain navigating to the store's location and locating the store on a map.

**Client:** Project for Mobile Networks

**Google Play Url:** <https://play.google.com/store/apps/details?id=com.infop.supermarket>

**At CMC:**

**FAPS(Freight Audit Payment System) :** The FAPS is a product for WLL handles the billing needs for logistics business. This system should be capable of reconciling supplier invoices and bill customers for the various services. This system also needs to communicate the payments and receivables to the financial package. To enable this FAPS system interacts with various external entities (customer, suppliers, operation system and financial systems) has to communicate. It is developed using *Ext JS 4, Java, Springs, Oracle 11g and XML* .

**Client :** Wallenius Wilhelmsen Logistics

**Duration :** JAN2013 - DEC2013

## ADDITIONAL WORKS\*

I have my own blog for rails learning. URL: <http://railsfaq.blogspot.in/> . I will work on various technologies during free time. I am a code lover, I always enjoy coding and exploring new technologies.

I have learned deploying application through heroku and mastered in using many apis like **google maps api, facebook api, twitter api, svpply api , Bootstrap UI themes.**

[www.tridentit.co.uk](http://www.tridentit.co.uk)

[www.studentslawn.com](http://www.studentslawn.com)

[www.accurainfotech.in](http://www.accurainfotech.in)

[www.redmalin.com](http://www.redmalin.com),

[www.goldenorchard.in](http://www.goldenorchard.in), [www.sachdevsports.com](http://www.sachdevsports.com),

[www.sachdevfitness.com](http://www.sachdevfitness.com), [www.nextech.cc](http://www.nextech.cc), [www.globalvacationsindia.com](http://www.globalvacationsindia.com), [www.ritebiz.co.in](http://www.ritebiz.co.in)

**TECHNICAL PAPERS:**

- Presented a paper on “MPEG4” in the event of paper presentation at TECHNOLITES-2K9, IT technical fest held in Vardhaman College of Engineering[2009].

#### **CERTIFICATIONS:**

- *Post Graduation Diploma in Computer Application (PGDCA).*

#### **AWARDS/ACHIEVEMENTS:**

- Won special prize in Cajun CodeFest -2014, which is a tech fest organized by Center for Business and Information Technology(CBIT).
- Participated in Tech-Gig's on-line coding contest and successfully completed 2 seasons with more than 90% of marks.
- I have selected as a winner in E<sup>2</sup> Contest conducted by ISE (International School of Excellence).
- Secured 232 rank in CUSAT, which was the entrance exam conducted by COCHI University.

#### **EXTRA CURRICULAR ACTIVITIES:**

- Volunteered and organized our college technical fest, “*ACUMEN-10*” [2010].
- Won 1st prize in VOLLEY-BALL tournament in annual event EUPHORIA’10 and championship in all events[2010].

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I hereby declare that information furnished above is true to the best of my knowledge and i bear the responsibility for the correctness of the above mentioned particulars.

**(Raghavendra Rao Sangarsu)**