Tulasee Rao Chintha

Cell: 202-552-9616· E-mail: tulasi.chintha@gmail.com
Github.com/tulaseerao

PROFILE SUMMARY:

- Experience of 14 + years in application development using Ruby On Rails, Java/J2ee ,HTML5, JavaScript, Angular4, React/Redux, NodeJS, JQuery, MongoDB, Redis ,Sinatra , Padrino, PostGres and MySQL.
- 9 + years of experience on Ruby on Rails(**Ruby 1.8.6-Ruby2.0 and Rails 2-Rails 5**)
- 3+ years of experience on AngularJS/ Angular(2-5)
- Experience in various stages of software development life cycle including requirements analysis, design, development, deployment and testing, with extensive knowledge in application development of various business applications.
- Experience in **Agile Development**(Iterations and standup meetings etc) and **Scala**,**Git Hub, MongoDb,PostgreSQL, Bitbucket , Rails API, Angular4, React/Redux, Node.js , GOLang/GIN, Angular Material Design, Elixir, Amazon EC2 and Heroku**.
- Experience in TDD and BDD development methodologies.

- Strong experience in **Ruby On Rails**, **Angular**, Search Engines (Solr/Exalead), **JQuery** ,**AngularJS , NodeJS,** JIRA, Crucible, HTML5 and Advanced JS(backbone.js, Twitter Bootstrap and Zurb foundation).

- Applied skills in software development, architecture, design, and support for new and existing products.
- Experience in lead and team oriented production with traditional division of roles and agile development.

TECHNICAL EXPERTISE:

Languages	: Ruby on Rails (Rails 2 , Rails 3 and Rails 4), Sinatra,Node.js Scala,Padrino
Databases	: MYSQL,Postgresql, MongoDB .
Tools	: Github(GIT), Bitbucket, Jenkins, iTerm2, Zsh and JIRA
Scripting Languages	: Java Script, AngularJS/Angular2/4 and React
Web Frameworks	: Rails ,Sinatra, Elixir/Phoenix
IDE	:, Sublime Text 3 and VS Code
Ruby Gems	: Devise, Will Paginate,Paper Clip,Mini Magick, HAML, Ruby Open ID, Nokogiri, OAuth, Stripe,Capybara,Resque, Sidekiq, DelayedJob, Capastrino,Cucumber,Private_hub,Paper Clip,SAVON ,SOAP4R,Twitter BootStrap, Grape API, Garner, Redis,Twitter and Bundler

ACTIVITIES & SOCITIES

ATLANTA RUBY MEETUP GROUP, ATLANTA HTML5 GROUP, STACKOVERFLOW MEMBER

EDUCATION:

- Bachelor of Technology in Computer Science & Engineering Jawaharlal Nehru Technological University Hyderabad, AP, India APR 2003

PROFESSIONAL EXPERTISE:

RESOURCE LOGISTICS, INC.   **Jan 2011 – Present**
Customer: Premiere Global Services, Inc.(ATLANTA,GA)/ Sr Full Stack Developer

Project: Globalmeet Meeting Client   *Jan 2016 - Present*
 Environment:
    Angular(2-5), SCSS, HTML5, CSS3, NodeJS, Amazon S3, JavaScript(Es6), Angular CLI,Angular Material Design, Jasmine, ELK logging Service and Ruby on Rails backend API's

Globalmeet is online video and audio conferencing tool for meetings which will support in web browser and mobile devices. (pgi.globalmeet.com/thunder)

- Designed and developed centralized angular pgi style guide component library which is used in other pgi products(http://styleguide-alpha.pgi-tools.com)
- Implementing new Angular components for HTML5 GlobalMeet 5.0 Web Application.
- Implemented separate UAPI services to interact with Meeting Client.
- Worked on Screenshare/Webcam Angular Services and integrated WebRTC third party JS libraries.
- Worked on VOIP Angular Service to connect VOIP in Room client using SIP.js
- Writing code coverage unit tests and proper documentation for web client using Angular Testing Framework
- Managed Front End Team and participated in code reviews.
- Used Jenkins CI tool for pipelining of web client
- Migrated web client from Angular 2 to Angular 4 and then recently Angular 5.

Project: iMeet (imeet.com)   *Jan 2011 – Dec-2015*

Environment:
 Ruby on Rails(3 and 4), GOlang/GIN, Passenger, Sublime Text, Aptana, Jenkins, Rspecs, less,HTML5, CSS3, AJAX,PJAX, AngulaJS, JQuery,MongoDB, JavaScript,Backbone.js, Sinatra, Amazon EC2, Heroku,RESTful,Postgresql, JSON, NodeJS, React/Redux, **Elixir/Phoenix,** *Capybara,Resque/Sidekiq, GIT/Bitbucket, Jira,Scala, Twitter bootstrap,Angular Material Design.*

iMeet is the best part of online video conferencing, audio web conferencing , screen share and social   networking website. Online meetings live on the web with built-in audio and video technology, especially for businesses. iMeet an elegant, personal online meeting room, which allows you at anytime, anywhere to set up a conference.

- Implemented Cloud Control module(User's Account Management , Billing and Room Settings) using HTML5,CSS3, Rails4,Twitter Bootstrap and JQuery
- Implemented Devise authentication for iMeet Application
- Implementing new Angular components for HTML5 GlobalMeet 5.0 Web Application.
- Coded pages using twitter bootstrap for B2B user pages.

- Integrated iMeet app to Saleforce and AppDirect(Single Sign on).
- Created API's for iPad/iPhone/Andriod from iMeet
- Coded image processing using Paper clip and mini magick.
- Coding on **Ruby on Rails** , JQUERY, Backbone.js, BootStrap, Zurb, HTML5 CSS3/Less and advanced JS in different parts of the application.
- Written Credit card page integration on iMeet and globalmeet online signup pages.
- Working on integrating iMeet online accounts provisioning through App Direct using Open Id.
- Developed special designed pages for iPad and iPhone mobile devices.
- Implemented sorting, auto completer (typo ahead) and paginations functionality for entire application.
- Developed meeting setting page using Elixir and Phoenix framework.
- **Created single page login and meetings pages with Angularjs and Rails4 API.**
- **Implemented Rails API for mobile and desktop applications.**
- **Developed iMeet Desktop meeting app using NodeJs/ExpressJS/React/Redux**
- **Implemented Audio/Video/Chat integration in HTML5 meeting room using Javascript websockets and NW toolkit**
- **Developed Meeting Analytics tool using MongoDB and AngularJS with Rails API's**
- **Used Stripe payment gateway API for paid signups**
- Implemented API services using Sinatra and Padrino frameworks for conference creations
- Participated daily stand up and scrum meetings**.**
- Coded entire Email functionality using ActionMailer for Multilingual(German,English,Japanese and Swedish) and created separate gem(imeet_mailer) for this implementation
- Implemented TDD process and written Rspecs for entire application.
- Developed Gem called Hydrate for JSON parsing . (It allows you to create Ruby classes that automatically serialize to and deserialize from a Hash representation of the object or object tree)
- Developed Gem called bluesteel for centralized CSS and Javascript using bootstrap.
- Used crucible for code reviews.

TATA CONSULTANCY SERVICES   **Mar 2009 – Feb 2011**
Customer: The World Bank Group(Washington DC)

Project: Enterprise Search (search.worldbank.org)

Environment:
Ruby on Rails(2 and 3),SOLR,EXALEAD,Apache Passenger, Aptana, HTML5, CSS3, AJAX, JQuery, JavaScript, RESTful, SVN tortoise.

Enterprise Search is a web based search application for The World bank Group.
This search application includes searching of various kinds of bank documents like projects related documents, data indicators (population, GDP), Secured and confidential documents, People's data and research documents and so on. And also this has all kinds of functionalities like faceted search, spell checker, phonetic matching, auto complete, recommendations, sorting, and best matches and so on. The data has been indexed from all kinds of formats using Solr. The Enterprise Search application has different flavors like External Search (outside the bank network), Intranet Search (Internal search), Lotus notes version for the bank employees and blackberry/mobile search application for both internal access and external world.

- Analyzed system requirements specifications and involved in client interaction during requirements specifications.
- Prepared low level and high level design documents for entire application.
  This involves preparing design documents like Use Case Diagrams, Class Diagrams, Sequence Diagrams and Entity Diagrams using the client provided design tool, MS Visio 2003.
- Coding using **Ruby on Rails** and also used JQUERY, HTML5 and advanced JS for better look and feel.
- Written Rspecs and implemented TDD Process.
- Implemented sorting, auto completer (typo ahead) and paginations functionality for entire application.
- Actively involved in the Indexing of data from different data sources using Solr/Exalead.
- Actively involved in the designing of mobile search application (Blackberry app) requirements and coded backend and front end in **Ruby on Rails.**

Project: **ILink**

Environment:
 Ruby on Rails(2 and 3),SOLR, Apache Passenger, Aptana, HTML5, CSS, AJAX, JQuery, JavaScript, SVN tortoise and Image Magick.

There are now several thousand World Bank and IFC staff using Blackberry devices. The goal of ilink.wbg.org is to better provide key WBG information quickly to users of Blackberry devices. Given the popularity of the People Pages on the Intranet, this is the first set of information to be added to ilink.wbg.org.This model assumes that the user is connected to the Bank's network via the Blackberry. Blackberry users will be able to click an 'ilink' icon on their Blackberry which will open a folder of additional icons, including a) an icon for People, and b) an icon for News. Each icon will open up a page to relevant information. The current functionality allows users to search on first name, last name, phone number, location, email, title, unit, and unit code. The results provide the same information and also a picture. Both World Bank and IFC People Directory information is included.
Also users can search latest bank news and projects from their blackberry using this app

- Setting up Rails environments
- Implemented Auto Completer using JQuery and Rails JSON
- Prepared low level and high level design documents for entire application.
  This involves preparing design documents like Use Case Diagrams, Class Diagrams, Sequence Diagrams and Entity Diagrams using the client provided design tool, MS Visio 2003.
- Front end coding using **Ruby on Rails** and also used JQUERY and advanced JS for better look and feel.
- Implemented blackberry application development coding and deployment.
- Actively involved in testing of ilink app in the blackberry simulator.
- Interaction with client to handle change requests, trouble reports and requirements collection.
- This involves designing database model for the entire application like creating tables, views and stored procedure.
- Done Indexing of data from different data sources using Lucene.

TATA CONSULTANCY SERVICES   **Dec 2006 - Feb 2009**
Customer: Swiss Re

Project: Single Risk Costing Name Tool
Environment:
Ruby on Rails(2),Webrick, Aptana, HTML, CSS, AJAX, Java,J2ee,Struts,Springs,Hibernate, JavaScript and CVS.

The Single Name Costing Tool is part of an overall infrastructure providing costing tools to underwriters for credit deals. Single Risk Costing is a tool to calculate risk involved in different types of bonds like CTF, BTF & Ship finance, Performance bond, Completion bond, Concession bond, Advance payment bond, Maintenance bond, Commercial bond, financial guarantee Bond. It helps calculate different parameters like Deal EVM economics like Gross revenue, external expenses etc, Risk analysis in terms of economics tenure in years, probability of loss, loss ratio etc, and exposure overview in terms of PCE and ECE values on underlying risks and on guarantor.
.
- Prepared low level and high level design documents for entire application.
  This involves preparing design documents like Use Case   Diagrams, Class Diagrams, Sequence Diagrams and Entity Diagrams using the client provided design tool, MS Visio 2003. These   design documents have been uploaded in the client location called "DocIT" for reference for other associates in Swiss Re.
- Data model design and writing stored procedures.
  This involves designing database model for the entire application like creating tables, views and stored procedure.
- Implemented generic classes (reusable) for filtering functionality.
- Coded filter module in **Ruby on Rails**
- This involves the implementation of filtering functionality(like in Quality centre) in both client side (JavaScript) and server side(java).
- Implemented sorting and paginations functionality for entire application.
  This involves the implementation of sorting and pagination functionality   for displaying the list of values in the screen without hitting the database.
- Actively involved in the coding of dynamic JSP design and graphs generation using JfreeCharts.
  This involves the designing of dynamic jsp's which dynamically display input fields and to   generate graphs based on these input values using JfreeCharts.
- Participated actively in unit testing, integration testing and acceptance testing of the system.
- Daily updates to clients through teleconferences and formal status updates.

Project: Integrated Credit Underwriting Facility
Environment:
HTML, CSS, Java,J2ee,Struts,Super Action ,JSP,XML,CSS,Weblogic, WSAD, JavaScript and CVS.

This project aims at improving the efficiency and effectiveness of the pre-underwriting business process (system support) for the Credit & Surety Treaty Business by leveraging the existing FSBG. However, the current CUF is not fully integrated in the overall FSBG supporting Credit and Surety business, leading to process breaks and double entries. Furthermore, the highly iterative business process is only partly covered and tracked by the current solution, leading to a lack of transparency, a risk of sub-optimal underwriting decisions, and a high effort for the assurance of process and data quality as well as for auditing.

- Actively involved in analysis of the system requirements specifications and involved in client interaction during requirements specifications.
- This involves gathering information about the requirement, analyzing and preparing the Document of Understanding. It also involves designing the prototype of the requirement using Dream Weaver.
- Actively involved in the coding.
  This involves coding of IUF module and writing Utility classes like classes which help in DB connection, string operation, exception handling and logging mechanisms.
- Estimation and impact analysis for the business request.
- Actively involved in the data model design and writing stored procedures.
  This involves designing database model for the entire application like creating tables, views and stored procedure.
- Implemented generic classes (reusable) for filtering functionality.
  This involves the implementation of filtering functionality (like in Quality center) in both client side (JavaScript) and server side (java).
- Implemented sorting and paginations functionality for entire application.
  This involves the implementation of sorting and pagination functionality   for displaying the list of values in the screen without hitting the database.
- Participated actively in unit testing, integration testing and acceptance testing of the system.
- Daily updates to clients through teleconferences and formal status updates.
- Actively involved in tuning the application.
- Working with the team in solving technical related issues.

WISOR TELECOM   **Mar 2005 – Nov 2006**
Customer: Verizon-East and SBC US

  Project: Exchange Path
  Environment:
  HTML, CSS , ANT,MAVEN, Java,J2ee,JSP,Struts,XML,Eclipse,Weblogic, JavaScript and CVS.

This is an electronic interconnectivity Gateway to provide connectivity to other software that facilitate real-time coordination of activities required to provision communication services. This Gateway product is enhanced to incorporate several features to enable the SMS clients as well as Service Providers with more flexible activities like encryption of data during transfer of data, support for Service Provider specific choice for archiving the transactions and provisioning Ordering through ASR.

- Actively involved in analysis of the system requirements specifications and involved in client interaction during requirements specifications.
  This involves gathering information about the requirement, analyzing and preparing the Document of Understanding.
- Implemented XML parser classes for validating the input xml for the Gateway.
- Involved in business components programming.
- Involved with client interaction during in customization of our product as per client requirements.
- Involved in unit testing and integrated testing of the application.
- Actively involved in the process of deployment.
- Daily updates to clients through teleconferences and formal status updates.
- Actively Involved in tuning the application.
- Actively involved in clustering of the application using web logic.
  This involves writing customized classes for MBeans for   clustering the application using Web Logic

Project: Wisor Validator
Environment:
HTML, CSS, Java,ANT, J2ee,Struts, XML, Eclipse,Weblogic, JavaScript and CVS.

Wisor validator is a testing tool. It is used to test the backend system of Trading Partner. It is used by telecom Service providers. Wisor validator right now is used by Verizon-east , Verizon-west, Quest and Sprint in US to test their backend system, before sending the request. Validator consists of four modules, such as Order Test Case Management, Pre-Order Test Case Management, Runset Management and Administrator Management.

- Actively involved in analysis of the system requirements specifications and involved in client interaction during requirements specifications.
- This involves gathering information about the requirement, analyzing and preparing the Document of Understanding.
- Actively involved in the coding which involves writing action classes, EJB services and XML Parsers.
- Involved in business components programming.
- Involved with client interaction during in customization of our product as per client requirements.
- Involved in unit testing and integrated testing of the application.
- Actively involved in the process of deployment.
  Involved with client interaction during in customization of our product as per client requirements.

TRIANGLE SOLUTIONS   Jun 2003 – Mar 2005

Project: Human Resource Management System
Human Resource Portal is meant for managing human resource related activities in an organization. This is an intranet application where the users are within the organization. HR Portal provides access to a complete range of human resource functionality through a single point of contact. It offers organizations the ability to manage their entire human resource function easily and effectively. It allows both managers and employees to conveniently access information about their leaves availability and appraisals. It helps organizations support their employees' needs to balance work and life. It provides the ability to manage their entire HR and benefits functions easily and effectively

- Developed different JSP documents as well as html files for different modules.
- Involved in the creation of main page of the project.
- Involved in developing the forms related to employee check-in and check-out times.
- Involved in unit testing and integrated testing of the application.

Project: Online Banking
This is a system which serves the people in the way that they have no need to go to the bank where the bank is located, they can make all the transactions and interactions with the bank through internet. This facilitates the people to make all their financial transactions such as Payments, funds transfer, D.D issuing, opening accounts, closing accounts, Loans and Fixed deposits, check book seeking, stop payment, schedule payments and recurring payments. This system has a wealth of reports for all levels of operations like Cashier reports, Balance sheet, Trial balance, Ledgers etc and has a wide range of banking spectrum like Cashier, Passing Officer and Administrator.

- Developed different JSP documents as well as html files for different modules.
- Involved in the creation of main page of the project.
- Developed different Jsp documents, ejb components as well as html files for different activities.
- Involved in unit testing and integrated testing of the application.

Project: Health Claim System

Health Claim System is an ASP (Application service Provider) for Multi Purpose Health Centre. It acts an interface between provider and Payer system. The provider and payer will register with the system. Provider can submit patient details to specific payer. This system maintains the claim sub systems 2360, 1500. Providers can submit their claim form using Data Entry format, batch process format. Collect patient information and service details from the user and validates through KRules (the rules created in KRules Engine by the provider) and stores into the database

- Developed different JSP documents as well as html files for different modules.
- Involved in the creation of main page of the project.
- Involved in coding of JAVA Classes, Servlets