**RAMU K**

**Ruby on Rails Developer**

Java.consulta.nts4@gmail.com

**Professional Summary:**

* Over 7 years of experience in **software design**, **analysis, development, testing** and **implementation** of **web** and **client server** applications with **4+ years** of experience in working with **Ruby on Rails**.
* Experience working in **Ruby on Rails** (ROR) based web applications. Expertise in developing, maintaining and debugging **Rails framework.**
* Proficient in Ruby on Rails Web application and development. Primary expertise is in the areas of **Ruby on Rails 4, 3** and 2.3.14, **AJAX using jQuery, Ext JS, Apache2, and Unicorn.**
* Experienced in UI development using **HTML5, CSS3, AJAX, JavaScript and jQuery, AngularJS**.
* Good exposure in interacting with **RESTful web services, SaaS, PaaS, and IaaS.**
* Front end expertise using HTML and CSS, and also managing **Ruby on Rails layouts** and **views.**
* Experience on Model View Controller (MVC) architecture based Web Applications in **Ruby on Rails, Backbone.js and CodeIgniter.**
* Experience developing own helpers to ease the job and code on both controllers and views.
* Expertise in **MySQL, SQLite3, PostgreSQL**, and **Oracle** including **SQL or PL/SQL**, Stored Procedures.
* Experience with all of the **GEMS** and **libraries** for the version of the **ruby/rails.**
* Good knowledge in using gems such as **Paperclip** and configuration for image server processing to have additional functionality on projects.
* Has experience in use of **RVM files**, Usage of Pre-project gem sets, Deploy and integration of RVM.
* Worked on Integrated Development Environments like **Eclipse, NetBeans, RubyMine** and **Sublime, Aptana Studio3**.
* Experience with **Ruby on Rails** creating connections, designing and enabling communications between both frameworks.
* Involved in deploying of applications in **WEBrick**, Phusion Passenger and functional usage with **Apache Tomcat Server**, Weblogic Server and **JBoss** Server.
* Experience in developing applications in Rubymine using Active record concepts which includes **Models, Views, Controllers, Callbacks, Validations, Query interfaces** and **Associations.**
* Experienced working with gems such as **Devise**, Omniauth, Sinatra, bundler, rake in creating web applications using ruby with minimal effort.
* Hands on development experience in building web applications using **HTML5, CSS, JQuery, AJAX, MySQL, PL/SQL technology.**
* Hands on experience on installation and configuration of multiple versions of **Ruby using RVM** (Ruby Version Manager) bundler install.
* Proficient in design and implemented intranet applications using Ruby on Rails and PostgreSQL on Heroku Cloud Packages and Triggers on databases like **MySQL, PostgreSQL and Oracle**.
* Extensive experience in creating and maintaining databases which includes configuration, query optimization and de-normalization.
* Expertise in developing applications using **Java, JSP, Struts, Spring, JDBC, JMS, JNDI, XML, UML, Hibernate, Oracle, MVC Architecture, Web Services, AJAX, RMI, UML, HTML, Java Beans, JavaScript and DHTML.**
* Worked on J2SE technologies like **Core Java** (Collections, Garbage collection, Threads and Exception Handling) and worked on J2EE like **JDBC, Servlet and EJB**.
* Hands on Experience in **Web Services** using **AXIS, REST FUL API.**
* Experience on **OOP** (Objective Oriented Programming) like **Inheritance, polymorphism, Abstraction and Encapsulation.**
* Experience in working version control tools like **Git**, **CVS, Clear Case** and **SVN.**
* Good in implementing quality process in projects experience with Systems Development Life Cycle and Methodology.
* Ability to learn and adapt quickly to the emerging new technologies and paradigms.
* Excellent communication, interpersonal and analytical skills and a highly motivated team player with the ability to work independently.

**Technical Skills**

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| **Programming Languages** | Ruby, C, C++, C#, SQL, PL/SQL, Java. |
| **Web Technologies** | JavaScript, JQuery, Coffee Script, AJAX, Bootsrap,  BackboneJS, AngularJS. |
| **Application and Web Services** | WeBrick, Phusion Passenger, Nginx, JBOSS, Apache Tomcat. |
| **Web Design** | XHTML, HTML5, CSS. |
| **Frameworks/ Architectures** | Rails, Spring, Struts, Hibernate. |
| **Databases** | Microsoft SQL Server, SQLite, MySQL, Oracle 9i/10g/11g, Redis , MongoDB, NoSQL, PostgreSQL. |
| **Test Frameworks** | MiniTest, Test Unit, Rspec, JUnit. |
| **Deployment Tools** | Amazon EC2, Heroku, GitHub. |
| **Operating Systems** | Windows, Unix. |
| **Development Tool (IDE)** | RubyMine, SubLime, Notepad++, Eclipse, Netbeans, Aptana Studio3. |
| **Protocols** | HTTP/HTTPS, TCP/IP, SOAP, SMTP. |
| **Other Tools** | MS Office(MS- Excel, MS– PowerPoint, MS - Project), MS Visual Studio 2010. |

**Professional Experience**

**Client: VA Department of Social Services, Richmond, VA May 15 – Till Date**

**Role: Ruby on Rails Developer**

**Description:** Virginia department of social services (VDSS) is a state supervised and locally administered social service system. VDSS's programs are designed to help the Virginia's most vulnerable citizens to find permanent solutions to many challenges in life. VDSS is part of the larger VSSS, which is a partnership of key organizations responsible for the administration, supervision and delivery of social services:

**Responsibilities**:

* Analyzed system requirements specifications and also involved in client interaction during requirement specifications
* Worked in the design and development phases of the application using ROR framework.
* Front-end was designed and developed using HTML and CSS while the back-end of the application was developed deploying Model-View-Controller (MVC) framework.
* Designed applications using object oriented programming (OOPS) concepts.
* Developed and tested many features in an environment (AGILE) using Ruby on Rails, HTML5, CSS3, JavaScript, and Bootstrap.
* Creating consistent development environments using Vagrant and Chef, allowing project to be outsourced seamlessly.
* Integrating third party SOAP and REST API's with new and existing web applications.
* Designed and developed various features using HTML5, W3C, AngularJS, XHTML and CSS3.
* For Database Migration used Active Records and also involved in using Active Resources, Fixtures, Action View and Action Controller in Rails framework.
* Used Scaffolding to design and develop controller and view part of the system.
* Used Caching contents for Rails and queries are optimized for analyzing and improving application efficiency.
* Experience with all of the GEMS and libraries of all version of the ruby/rails.
* Used agile and scrum methodologies in project development.
* Developing in a Linux environment.
* Composed Cucumber and Rspec tests in the application and coded JavaScript for page usefulness pop-up screens.
* Used Filters, Rails finder methods and wrote model scopes in the application.
* Worked in MySQL database on simple queries and writing Stored Procedures for normalization and de -normalization.
* Used Restful API to gather sales related data for products.
* Experience with NoSQL database, such as Cassandra
* Took care of Bug fix issues and Code Reviews.
* Developed automated deployment scripts using Capistrano and Capistrano recipes.
* Used CAPISTRANO to configure deployment process of ROR application.
* Code re-factored as required while working on the features and enhancements.
* Provided validations and scope for many models in the database and created many associations within those models.
* Performed necessary refactoring to the code as per the revised design
* Fixing the bugs and tickets filed by quality assurance and product management team.
* Action Mailer is used for applying user mailing module.
* Implemented sorting and paginations functionality for entire application.
* Support production and development on AWS Cloud SaaS Linux environments.
* Used JIRA to track project management.
* This involves the implementation of sorting and pagination functionality for displaying the list of values in the screen without hitting the database.
* Collaborated and coordinated with the management and design team to implement new features.
* Performed Unit testing, Integration Testing, GUI and web application testing using Rspec.
* Interactive in providing change requests, trouble reports and requirements collection with the client.

**Environment: Ruby 1.9.3/2.3.0, Rails 4.0/4.2, RSPEC, YAML, Bootstrap, CSS3 and HTML5, Ruby Mine, Cucumber, Rspec, Rest, JQuery, JSON, AngularJS, Jira, Jenkins, GIT, MySQL database, MongoDB, JavaScript, Linux, chef, AWS, Bootstrap.**

**Client: CVS Caremark, Buffalo Grove, IL Jul 2014 – Apr 2015**

**Role: ROR Developer**

**Description:** CVS Caremark is the prescription benefit management subsidiary of CVS Health, headquartered in Woonsocket, Rhode Island**.** CVS caremark works withhealth insurance companies, the government and other health benefit program sponsors to design and administer prescription coverage plans. CVS caremark provides complete access to customer prescription benefits, time and money saving options and expert medical advice.

**Responsibilities:**

* Provided the best components of the Ruby-On-Rails to deliver high quality solutions to customers at maximum speed.
* Involved in the design and development phases of the application using Ruby, Rails (3.1) framework and Rubymine IDE.
* Worked with the team in collectively developing the code for the application and also deploying new features and re-factor some existing features.
* Worked on Active Record Classes such as migrations, controllers and views using Rails console.
* Used scaffolding statements in order to generate controllers, actions and to create tables.
* Involved in developing and implementation of the web application using Rubymine, HTML5, CSS, JavaScript, HTML, and JQuery.
* Worked on Action Mailers in sending mails to the customers signed up for the website using SMTP.
* Implemented CRUD operations for the application using MVC architecture in Rails framework and migration standards in migrating schema's for MySQL database.
* Worked on normalizing data by using data integrity rules and also implemented some stored procedures using MySQL database.
* Played an important role in refactoring the code and implemented changes according to the client’s requirements.
* Analyzed system requirement specifications and involved in client interactions to work on the requirements specified.
* Worked on Rails, CSS, JQuery, Java Script to design the front end application and the back-end was maintained using Active Record Classes to create migrations.
* Developed the web pages and forms with Validations in order to store the relevant data. Implemented Regular expressions to store relevant data into the database.
* Worked with different gems involved in the development of an application such as Bundler, Rails, Rake, Uglifier and Coffee Script.
* Practiced Test-Driven Development with MiniTest, Rspec tool and Behavior-Driven development using Cucumber.
* Implemented Active Record Associations, Callbacks and Query Interfaces in order to develop user friendly and secured applications.
* Deployed applications using WeBrick server, Apache Tomcat Server and also maintained the application using Git, GitHub and Heroku.

**Environment: Ruby (1.9.3, 2.2), Rails (3.1), Rubymine, HTML, CSS, JavaScript, MySQL, JQuery, SQLite, Rspec, CoffeScript, Cucumber, Capybara, WeBrick Server, Apache Tomcat Server, GitHub, Heroku.**

**Client: Horace Mann, Springfield, IL Nov 2013 – Jun 2014**

**Role: Ruby on Rails Developer**

**Description:** Horace Mann Educators Corporation is an insurance holding company offering retirement products and auto, homeowners and life insurance to the nation's education community. They help educators identify their financial goals and develop plans to achieve them.  This includes insurance to protect what they have today and financial products to help them prepare for their future.

**Responsibilities:**

* Worked on an application from front-end enhancements (HTML, JavaScript, JQuery), to back end architectural changes. We utilized Ruby on Rails 3.2 and Ruby 1.9.3.
* Enhanced web applications with new features, bug fix, test coverage, and better performance.
* Database modeling and design. Involved in developing and implementation of the web application using Ruby on Rails.
* Used RSpec to create test driven development (TDD) along with Capybara.
* Working with Ruby gems such as ruby-pg for PostgreSQL and mysql2 for MySQL.
* Implemented and enhanced CRUD operations for the applications using the MVC architecture of Rails 2.3.8 framework and Ruby 1.8.7 conducting code reviews.
* Created an entire set of customized features in dashboard (JQuery and Rails AJAX).
* Implemented and enhanced CRUD operations for the applications using the Web API architecture.
* Used Git version control system with Github services.
* Worked closely with management and the design team to rapidly implement new features.
* Integration of different plug-ins and gems. Extensively involved in bug fixing, code refactoring and peer-reviews.

**Environment: Ruby on Rails, JavaScript, HTML, JQuery, Rspec, MySQL, PostgreSQL, AJAX, MVC architecture, Github, Restful API, Linux.**

**Client: Reliance Retail Ltd, India Sept 2012 – Oct 2013**

**Role: Ruby on rails Developer.**

**Description:** Reliance Retail Ltd is one of the largest retail chains in India. It has a huge pool of suppliers which has to be maintained and has a system called Purchase Inquiries system allows suppliers to submit quotations for the delivery of goods

**Responsibilities:**

* Involved in developing and implementation of the web application using Ruby on Rails.
* Developed and tested many features for dashboard using Ruby on Rails, Bootstrap, CSS and JavaScript.
* Used Rails, AJAX, JSON and JQuery to design the front end of the application. Back end of the application is developed mainly using Active Records.
* Used Amazon Web Services (AWS) for improved efficiency of storage and fast access.
* Unit tested the code with RSpec and Jasmine tests, and manages the code with SVN.
* Involved in implementing user mailing module using ActionMailer.
* Designed and developed using Ruby, Rails, MySQL, Transat SQL, SQL server, Redis and Goliath.
* Used RHTML, cascading style sheets (CSS), RJS to describe the web pages.
* Created an entire set of customized features in dashboard (JQuery and Rails AJAX).
* Worked on optimizing sql queries to improve the loading times of the web pages.
* Used Restful API to gather sales related data for products.
* Designed the SQL Server Database, and Wrote Stored Procedures and Triggers for effective Data Processing and performance.
* Involved in designing database model for the entire application like creating tables, views and stored procedure.
* Involved in utilizing Mongrel specific connection pools in order to interact with the business data from the business components.
* Used SVN Tortoise as version control system for check-in and check-out.
* Provided validations and scope for many models in the database and created many associations within those models.
* Written Cascading Style Sheet and implementing it in the views / layouts as needed.
* Participated in design sessions, code reviews, promoting common standards and best practices.
* Used Git and GitHub repositories.
* Extensively involved in bug fixing, code refactoring and peer-reviews.

**Project Environment: Ruby, Rails, JavaScript, HTML, CSS, SVN, AJAX, JQuery, AJAX, JSON, RSpec, Bootstrap, AWS, MySQL, RHTML.**

**Client: Divi Pharma Group, India Jun 2009-Aug 2012**

**Role: Java Developer**

**Description:** Divi pharma is an Research and Development center and a well-equipped quality control laboratories and an elaborate quality assurance and training center. It has an effluent treatment system to treat liquid effluent chemically. Divi Pharma has pilot plant with state-of-the art instrument to develop the new drugs and intermediates.

**Responsibilities:**

* Worked with the team of architects to gather requirements and enhance the application functionality and add new features.
* Created Mock-up designs and developed various functionalities with Java Script and JQuery.
* Extensively used Ajax calls to send parameters and fetch data based on the user-triggered events.
* Developed print functionality and download to Excel functionality.
* Used Ajax for asynchronously exchanging small amount of data with the server behind the scenes and updating the JSP page.
* Used Ajax effectively to create pagination and with client side events like quick search.
* Used CSS, HTML to make effective and cross-browser compatible front-end pages with attractive and easy to use functionalities.
* Developed Mock-up designs as per the requirements of Business.
* Fixed bugs in the production and carried out Unit Testing for the developed functionalities.
* As part of testing, prepared effective Test Scripts for each of the developed functionality.

**Environment: Java, JavaScript, Ajax, JQuery, HTML, DHTML, CSS, Adobe Flash, and Windows.**

**EDUCATION:** Bachelor’s in Computer Science.