RUBY ON RAILS DEVELOPER

MOHIT CHANDANA

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Professional Summary:

* + - * with 6+ years **of job experience. Currently working primarily with Ruby on Rails and MySQL within a UNIX environment. Confident within the Rails MVC framework, including complex model relationships, controllers, views, and helpers**
      * Extensive experience with multiple technologies – Python, UNIX/Linux - Shell scripting,
      * Used socket programming for writing servers.
      * Hands-on experience in Python scripting, Python STL, Pylons, Django, UI and web development.
      * Experience in developing Web applications using HTML5, CSS JavaScript and MySQL, Postgresql, SQLite.
      * Experience in managing code versioning with Github.
      * Implementing Ruby gems.
      * Proficient in Ruby on Rails implementation in building web applications.
      * Experience in implementing Rails Migrations and Active Record, Action Pack, Action Mailer.
      * Experience in implementing Rails MVC and Helpers.
      * Good understanding of MVC Architecture and Restful design.
      * Experience using different software development methodologies like Agile development.
      * Developed full stack web applications in Ruby on Rails.
      * Experience with Installation Vm Virtualbox on various machines to test application against different operating systems.
      * **Used socket programming for writing servers.**

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| **Programming languages** | Ruby, C#, Python, JavaScript |
| **Technologies** | ASP, Web Services (SOAP, REST, XML) |
| **Frameworks** | Ruby on Rails, Sinatra, Rack |
| **Client Side Frameworks** | jQuery, Prototype, Backbone.js, Underscore.js, CoffeeScript, RequireJS |
| **Testing Frameworks** | Rspec, TestUnit, Mocha, Capybara, Cucumber, Selenium |
| **Platforms** | Apache, Tomcat, Nginx, Unicorn |
| **RDBMS** | MySQL, PostgreSQL, MS SQL |
| **NoSQL** | MongoDB, Elasticsearch, Redis, Memcached |
| **Project management tools** | Jira, Test Track Pro, Pivotal, Gerrit |
| **Support software** | GIT, SVN, ViM, Jenkins, CruiseControl, JMeter, Firebug, NewRelic |
| **Design Patterns** | OOP/OOD/OOA MVC, UML |

**Multi-Tech Systems, Inc., Mounds View MN Jan’15– Till Date  
Role: Ruby on Rails Developer**

**Responsibilities:**

* Created and deployed new features in order to sustain and amend existing applications.
* Created app store layout for displaying apps to buy.
* Developed cross-browser/platform HTML, CSS, and JavaScript, JSON to match design specs for complex page layouts while adhering to code standards Designed Single Page Application for Web using MVC/Backbone.js framework worked in the design and development phases of the application using ROR framework.
* Used NoSql Mongo database in the application for storing collections.
* Used Puma Server to establish proper connection between api and web.
* Involved in developing and implementation of the Back end web application using Ruby on Rails.
* Deployed application using Amazon Web Services (AWS).
* Developed developer layout to allow developers to publish new apps.
* Designed the front end application using Rails , CSS, AJAX and Jquery.
* Developer Object Relational mapping (ORM), CRUD, and created activerecord models Using Active Records.
* Experience with all of the RVM, Bundler, GEMS and libraries for this version of the ruby/rails.
* Managing code versioning with github.
* Used highly optimized JQuery and AJAX to manipulate JSON data and display them on the web page with the expectation of highest traffic during tournament.
* Developed the user authentication for customer facing application.
* Created nested forms for user to customize the templates and order a print preview.
* Implemented and enhanced CRUD operations for the applications using the MVC (Model View Controller) architecture of Rails framework and Ruby conducting code reviews.
* Provided graphic and artistic support for web enhancement and new creative initiatives
* Developed client side validation code using JavaScript and JQuery.

**Environment**: HTML5, CSS3, Javascript, JQuery, AJAX, MongoDB, Agile methodology,Github Ruby 2.0.0, Rails 3.2.16.

**Stealth Mode Startup, Milpitas CA Apr'13– Dec’14  
Role: Ruby on Rails Developer**

**Responsibilities:**

* Participate in all stages of the development life cycle including requirement analysis, design, development and implementation.
* Responsible for the overall layout design, color scheme of the web site using HTML5, XHTML and CSS3 and Responsible for creating detailed wire frames and process flows.
* Created and deployed new features in order to sustain and amend existing applications.
* Developed cross-browser/platform HTML, CSS, and JavaScript, JSON to match design specs for complex page layouts while adhering to code standards Designed Single Page Application for Web using MVC/Backbone.js framework worked in the design and development phases of the application using ROR framework.
* Involved in developing and implementation of the Back end web application using Ruby on Rails.
* Used Restful API to gather sales related data for products.
* Designed the front end application using Rails , CSS, AJAX and Jquery.
* Developer Object Relational mapping (ORM), CRUD, and created active record models Using Active Records.
* Used RSpec to create test driven development. Experience with all of the RVM, Bundler, GEMS and libraries for this version of the ruby/rails.
* Managing code versioning with github.
* Used highly optimized JQuery and AJAX to manipulate JSON data and display them on the web page with the expectation of highest traffic during tournament.
* Working with Ruby gems such as ruby-pg for Oracle- PostGRE-SQL
* Writing Ruby Wrappers and using Ruby Gems for Voucher, Advices and CHS modules.
* Developed the user authentication and order processing modules for customer facing application.
* Created nested forms for user to customize the templates and order a print preview.
* Participated in requirements definition and story carding.
* Implementing Behavior Driven Development using Rspec.
* Used Restful API to gather sales related data for products.
* Implemented and enhanced CRUD operations for the applications using the MVC (Model View Controller) architecture of Rails framework and Ruby conducting code reviews.
* Provided graphic and artistic support for web enhancement and new creative initiatives
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using DHTML, HTML, CSS, JavaScript and JQuery.
* Developed client side validation code using JavaScript and JQuery.
* Responsible to manipulate HTML, CSS in JQuery as well as making the pages dynamic using AJAX, JSON and XML.

**Environment**: HTML5, CSS3, Java Script, JQuery, AJAX, Usability Testing, Agile methodology,Github Ruby on Rails 3.1.

**The Vanguard Group, Valley Forge, PA Feb'12 – Mar'13**

**Role: Ruby on Rails Developer**

Vanguard is investment management portal. This system provides the information of Retirements plan, Education investment plans and money investment plans.

**Responsibilities:**

* Designed the front end application using Rails 3.1, CSS, AJAX and Jquery.
* Implemented and enhanced CRUD operations for the applications using the MVC (Model View Controller) architecture of Rails framework and Ruby conducting code reviews.
* Worked with all of the RVM, Bundler, GEMS and libraries for this version of the ruby/rails. Communicating with the customer to design solutions.
* Used RSpec to create test driven development.
* Use of Git and GitHub repositories.
* ActiveRecord using PostgreSQL (pg), MySQL (mysql2) and Oracle (activerecord oracle enhanced adapter) databases.
* Database modeling and design. Involved in developing and implementation of the web application using Ruby on Rails.
* Used Restful API to gather sales related data for products.
* Experience with all of the GEMS and libraries for this version of the ruby/rails.
* Utilized Object Oriented Programming in JavaScript and DOM structure to implement various functionalities
* Managing code versioning with Github.
* Design and implemented a services layer that will provide the integration between the new front end application and existing legacy systems.
* Used web services technologies like SOAP, HTTP, WSDL, XSD, and REST
* Packages and Triggers on databases like MySQL, PostgreSQL, Oracle.
* Implementing RoR upgrades and patches and publishing Ruby Gems. Using Ruby Gems.
* Considers needs and skill levels of end users when developing applications and creates user-friendly documentation that includes screen shots and instructions in nontechnical language.
* Upgraded associated gems, across multiple Ruby and Rails versions
* Writing Ruby Wrappers and using Ruby Gems for Voucher, Advices and CHS modules.
* Creating and maintaining databases which include configuration, query optimization and de-normalization.
* Developed Model View Controller (MVC) architecture based Web Applications in Ruby on Rails, Backbone.js and Code Igniter.
* Developed RoR customer facing applications, which meet the requirements outlined in our application development specification
* Managed code versioning with Github and deployment to staging and production servers
* Backend application is developed using Ruby on Rails with Postgres as database
* Wrote various interfaces to the management system in Ruby on Rails
* Monitored RoR programs and program data to ensure applications are running as expected.
* Strong concepts and fundamentals in Agile Methodology, Object Oriented Analysis and Design, Best Practices

**Environment: Ruby on Rails, CSS, HTML5,** **Bootstrap, Sinatra Framework, SVN, MySQL, UNIX, Virtualization, cloud, API**

**Cisco, Memphis, TN Aug '11 - Jan '12**

**Role:** Python Application Developer

* This project is to automate the validation of a website and API runtime is consistent to client’s SLAs. (Service Level Agreements)
* Designed and developed a testing suite using Python to perform an automated test for testing every function of the website.
* Used Eclipse and Unix Shell for development environment.
* Wrote a full Python Module to extract data from the MySQL source database.
* Used the unix shell to run the Python module to generate .JSON files.
* The modules are used to validate the .JSON files created for multiple data pulls on a given day.
* Periodically committed code to GitHub and SVN for peer review.
* Good knowledge of n-tier enterprise application architecture concepts and SOA paradigms.
* Good working knowledge on Web Services, SOAP, XML, XSLT and UDDI.
* Involved in Developing Ant scripts, Python for RAFW in installation, upgrading and configuration for WebSphere Portal server.
* Expertise in installation of Build Forge and RAFW Developed Ant scripts and integrated in Build Forge.
* Developed in code in Build Forge to integrate WPS installations and configurations, Involved in portal Support.
* Developed rich user interface using CSS, HTML, JavaScript and JQuery.
* Collecting and Analyzing thread dumps and heap dump, working with GC properties.
* Developed UNIX shell scripts, python scripts for WebSphere administration.
* Automated the middleware Environment WebSphere, Developed Python and JACL scripting for WebSphere application server environment from scratch.

Environment: Ecllipse, UNIX, Python 2.7, Pyserial, Shell script, XML, XSLT, SOAP, XSLT

**EA Sports ( Los Angeles, CA) – May ’09 – Jul '11**

**Role: Python Developer**

**Global Online System (GOS):** GOS is to provide game teams of **EA Sports** with online gaming process. It builds the features independent of users with the intention of custom implementations. It gives online gamers access to a number of off-the-shelf game features ready to be integrated into the game, which rapidly accelerates online developments.

**Roles and Responsibilities in the project:**

* Responsible for getting the teams up and running with game record features.
* Manage our servers in development, testing, certification and production.
* Provided APIs for Nucleus Entitlement management on the console.
* Used Linux profiler **Valgrind** for optimization of code.
* Used Python, JQuery and JSON for generation of complex graphics in the front end.
* Used python scripts to update content in the database and manipulate files.
* Generated Python Django Forms to record data of online users.
* Created authentication modules, views, models using Django.
* Used the **Python's modules numpy, matportlib** etc. for generating complex graphical data, creation of histograms etc.
* Used Python’s XML parser architectures (SAX) and DOM API for tracking small amounts of data without requiring the DB.
* Developed widgets for GUI using Tkinter, Gtk modules of Python.
* Written python automation scripts.Used ‘nosetests’ to run the tests.
* Profiled python code for optimization and memory management.

**Environment: C++, Java, Python 2.7, Java Script, JQuery, JSON, R-script, XML, MySQL, GDB, CVS, Agile, Bugzilla**