SASIKALA RAVICHANDRAN

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A full stack developer who is intensely trained to have proficiency in web development focused on Ruby, Rails MVC Framework, HTML 5, CSS3, Javascript, JQuery. Specialized in C, C++ object oriented programming with extensive experience in the full life cycle of the software development process including requirement capturing and analyzing, defining operational concepts, prototyping, design, development and testing.

**Summary**

* 3+ years of IT experience on complete Software Development Lifecycle(SDLC)
* Strong exposure to TCP/IP, UDP/IP, socket programming in UNIX environment.
* Have tremendous exposure to Telecom Domain.
* Working Knowledge in complex software architecture like Call Processing Environment (CPE) and Feature Processing Environment (FPE) in C/ C++/UNIX.
* Nearly one year of experience in Web development - Ruby, Rails, HTML, CSS, Javascript, JQuery, Bootstrap.
* Expertise in source-control, debugging, unit-testing and defect management tools.
* Excellent communication, great inter-personal, organizational skills and have professional attitude and ethical approach.
* Sincere, quick learner, self-motivated, team player and achiever.
* Excellent team player and a good mentor for the new joiners in the project.
* Experienced in offsite coordination in onsite-offsite project model.

**Education:**

* **BE** (Electronics & Communications Engineering) from Anna University, India

**Certification:**

* Certified by ACSE(Alcatel Certified System Expert) for release R5.0
* Certified by IIT Madras(India) for Advanced DSP Blackfin BF537

**Technical Skills:**

**Languages and Libraries:** C, C++, Ruby, HTML5,Haml, CSS3, Sass, Javascript, JQuery, Coffeescript, Ajax

**Frameworks:** Rails 4.2, Bootstrap, Jekyll

**Scripting:**  Unix Shell Scripting

**Databases:** SQLite3, MySQL, PostgreSQL

**Web Servers:** Webrick, Tomcat, Apache

**Networking Protocols:** TCP/IP, UDP, FTP, Telnet

**Telecom Protocols:** ISDN, VOIP, SIP, H323

**Source Code Version Control:**  Git,Teamware

**Tools:** rbenv, Heroku toolbelt, Gdb, Ethereal /Tcpdump, gdump, Clear Quest, Clear Case, visual threads

**Professional Experience:**

**Ruby on Rails Developer, Irving, TX February 2015 – Present**

**Rails Projects:**

Currently preparing to kick start career by learning web development mainly focusing on Ruby, Rails MVC Framework, HTML 5, CSS3, Javascript, JQuery.

Built various Rails applications while learning and practising Rails .

**Github Profile:** [***https://github.com/Sasikala-Ravichandran***](https://github.com/Sasikala-Ravichandran)

**Achievements:**

* Built a blogger using devise gem for authentication, coffeescript, ajax and faye for real time commenting system.<https://github.com/Sasikala-Ravichandran/Simple_blog>
* Built a Job Application tracker using devise gem for authentication, paperclip-google drive for storing documents in google drive

See Demo at <https://limitless-savannah-1637.herokuapp.com/>

**Technologies:** Ruby, Rails,HTML5, Haml, CSS3, Sass, Bootstrap, JavaScript, JQuery, coffee-script, Ajax, Heroku, Git, PostgreSQL, SQLite, Webrick, ubuntu

**Career Break: 2009 to 2014**

Took a planned break for family care.

**Software Engineer**

**Alcatel-Lucent, Chennai, INDIA May 2005- Dec 2008**

**Project / Feature Description:**

Experience of working in various Incoming call features, Outgoing call features and General features of communication server (**OXE**). Features involved like Call Forwarding, Callback, Conference, Call waiting/Call Pickup, Wake-up/Appointment reminders, Caller ID/Secret Identity, Hunt Groups etc..,

**Responsibilities:**

* Analyzed the complex software architecture like Call Processing Environment (CPE) and Feature Processing Environment in C, C++
* Responsible for the maintenance of above feature modules by handle service requests of various priorities as per SLA.
* Analyzed, troubleshoot and fixed the issues in various features of OXE with protocols such as QSIG, ABCF, ISDN and SIP.
* Successfully provided the solution of on call issues and tickets of any severity.
* Involved in the code walkthroughs of the solution provided by the team members
* Involved in test case preparation and performed Unit testing and integration testing
* Worked closely with business partners to identify and specify complex business issues using WebEx sessions.
* Handled conference bridges with Client successfully whenever issues rose and identified the configuration issues in client site and provided the solutions.
* Involved in the troubleshooting, debugging the functionalities using mtracers.
* Involved in test case preparation and performed Unit testing and integration testing and

supported the regression testing

* Provided Regular Training and Mentoring of the team members both onsite and offshore.
* Managed the team of four and acted as the primary focal for the support of both Offshore and Onsite.

**Technologies:** C, C++, mtracers, Teamware, Gdb, Ethereal /Tcpdump, gdump, cscope, clear case, TCP/IP, UDP, FTP, Telnet, Socket Programming.

**Personal Details:**

**Visa Status:** Green card

**Contact Number:** 774-240-2862