**Rama Vivekananda Ganesan**



*Senior Technical Lead*

**CAREER ACHIEVEMENTS**

**SUMMARY**

* Awarded as Associate of the Month for developing WhiteBoard API tool in Tech Mahindra .
* Received Best Team & Pat on Back awards for Kandy development in Tech Mahindra.
* Full Stack Development
* Experience: 10y 4m
* Experience in both FrontEnd & Server Side Technologies like PHP,MySQL. Node Js, Java and Devops

**TECHNOLOGY SKILLS**

**RELEVANT WORK EXPERIENCE**

* Responsive Design Techniques: HTML5, CSS3, JavaScript, JQuery, Node JS, **Angular JS**, **ReactJS**, **Redux**, **Angular 7,** Twitter Bootstrap Frameworks.
* Web Project Frameworks:

PHP MVC Architecture using CodeIgniter, Zend Frameworks, CMS-Drupal, Mysql, Perl and AngularJs, Bootstrap framework.

* Telecom Domain:

Making online chat ,video/audio calls, whiteboarding tutorials using WEBRTC Concepts.

* Having experience in:
  + Web Services using SOAP, E-Commerce Application, Online Shopping Cart & Payment Gateway modules using PHP.
  + SVN using GIT, tortoise.
* Programming Knowledge:
  + Experience in developing Serverless Applications using AWS Lambda Functions.
  + Worked on applications to achieve continuous integration (CI) and continuous delivery (CD) using GitLab and Jenkins.
  + LINUX and Java

HCL Technologies Pvt Ltd, Bangalore

* Role: Senior Technical Lead from March 2018 to till now.

Tech Mahindra Pvt Ltd, Bangalore

* Role: Tech Lead from Dec 2014 Feb 2018.

HCL Technologies Pvt Ltd, Bangalore

* Role: Senior Consultant from July 2012 to Dec 2014.

Emart Solutions Pvt Ltd, Bangalore

* Role: Senior Software Engineer from Nov 2011 to July 2012.

Sanvy Solutions Pvt Ltd, Bangalore

* Role: Software Engineer from Feb 2009 to Oct 2011.

Al Anhar Trading And Contracting Co.Wll,Doha – Qatar

* Role: System Administrator from Feb 2007 to Jan 2009

Success software, Chennai

* Role: Software Trainee in PHP from Mar 2006 to Dec 2006

**AGILE EXPERIENCE**

* Participated in the refinement and estimation of user stories and the sprint planning. (Planning Poker and Backlog grooming)
* Implementation and Review of User stories. Daily stand-up meetings.
* Participation in the Sprint Review Presentations, providing demos of the functionalities developed during the sprint.

**PERSONAL SKILLS**

* Experience in requirement analysis, effort estimation
* Experience in design and development
* Worked as Team lead and and ensure all key metrice of performance as per the Client SLA are met and exceeded.
* Manage team performance and responsible for the overall development of the team
* Unit testing, Code reviews
* Experience in Agile teams
* Pro-active, responsible
* Strong analytical and problem solving skills

**EDUCATION**

* Bachelore of Engineering in Computer Science, Arulmigu Meenalshi Amman College Of Engineering, Kanchipuram, TamilNadu.

**PERSONAL DETAILS**

* Gender: Male
* Date of Birth: 10-Jul-1983
* Nationality: Indian

**WORK EXPERIENCE** 

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| Jan 2020– Current | **Senior Tech Lead and Developer**  **HR Loyalty App (Job Recruitment Tool)**  Title: HR Loyalty App (Job Recruitment Tool)  Framework: React, Redux, Middleware, HTML 5, CSS 3, JavaScript, Bootstrap.  Backend: Node Js, Mysql  Server : Node Js,  **Description**:   * HR Loyalty App is a  Job Recruitment Tool used to create the Job postings and map the candidates against the postings. The interview process will automatically assign to the respective panels  It contains 3 types of login HR, Admin and Panels. * The HR can have the full view from the starting point till end of selection process.. * The HR will get the notification mail on every stage of interview process. * Integrated Programming Exercise completion & submission * Automatically generated Candidate Report with job posting Id and candidates overall status. * It has the feature of bulk upload of candidates list and Job posting list in Excel format.   **Responsibilities:**   * Worked on application development, deployment, documentation and demos * Providing technical and architectural design and support to team * Preparing the standards and the guideline list for the team to follow * Collaborate with team to define features and scope * Problem solving, troubleshooting and Debugging skills |



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| Mar 2018 – Dec 2019 | **Senior Tech Lead and Developer**  **LBG Kalibre (skill Profiling Tool)**  Title: LBG Kalibre (skill Profiling Tool)  Framework: Angular 7, RXJS, React, HTML 5, CSS 3, JavaScript, Jquery, JSPDF,  Bootstrap.  Backend: Java spring Framework, Mysql  Server : Tomcat Apache,  **Description:**   * LBG Kalibre is a Skill Profiling Tool used to assess their candidate or employee own skills by attending through online MCQs, Programming exercise etc., It contains 3 types of login Candidate, Admin and SuperAdmin. * Candidate has clear and simple registration & Easily navigable Candidate landing page. * Quick and intuitive MCQ navigation, completion & submission * Integrated Programming Exercise completion & submission * Automatically generated Candidate Report with strength and development areas and competency profiling * Business unit configuration and results overview * Simple Candidate competency assignation, test completion overview and automated login email generation * Quick and slick MCQ Technology, competency & module management * Standardised MCQ Question bank upload   **Responsibilities:**   * Worked on application development, deployment, documentation and demos * Providing technical and architectural design and support to team * Preparing the standards and the guideline list for the team to follow * Collaborate with team to define features and scope * Problem solving, troubleshooting and Debugging skills |
| Feb 2017– Feb 2018 | **Web Tech Lead and Developer**  IPC Systems (U.S.)  **Unigy 360**  Title: Secure Communications App using Unigy 360  Framework: React, Redux, HTML 5, CSS 3, JavaScript, Node JS, WEBRTC, Grunt, Karma,  Bootstrap, RabbitMQ, MongoDB, Kandy Library.  OS: Windows/Linux Ubuntu/ CentOS.  Server : Node JS  **Description:**  IPC Systems Inc. is a leading provider of indispensable communications  solutions to financial services firms worldwide. Unigy 360 offers customers a suite of products  and enhanced services that includes advanced Voice over Internet Protocol (VoIP) technology,  integrated network and management services in a secured environment. Which includes to  check the presence notification, user state, adding resources like speakers, mic, camera, etc.  **Responsibilities:**   * Worked on application deployment, documentation and demos * Contributed on integration of container with the application * Provding technical and architectural design and support to team * Preparing the standards and the guideline list for the team to follow * Collaborate with team to define features and scope * Problem solving, troubleshooting and Debugging skills |
| Dec 2015–Sep 2016 | **WebTech Lead and Developer**  GenBand Inc.,  **WEBRTC Monitoring for Genband Kandy JS SDK**  Title: Automation Tool for monitoring WEBRTC  Framework: WEBRTC**,** HTML 5, CSS 3, JavaScript, Nightwatch JS, SendGrid,  Kandy Library, Node JS.  OS: Windows/Linux Ubuntu/ CentOS.  Server : Selenium, Apache Web Server  **Description:**    WEBRTC Monitoring for KANDY PaaS platforms for Voice, Video, Chat, SMS and PSTN. We have automated the Kandy JS SDK with simple quick starts using night watch framework and Selenium which runs in Chrome browser. The tool captures the success and failure logs for every test case execution and implemented retry mechanism for failure scenarios. Failure scenarios are captured for every XHR calls and notifications emails are send using sendgrid module and SMS are sent to respective people configured for failure cases. At the end of each task, night watch reports generates a result logs which contains success/failure test results with test case name and timestamp.  **Responsibilities:**   * Designing the application using HTML5 & CSS3 as per the requirements. * Developing testcases using Nightwatch JS and written php scripts for report generation. * Synchronize the test cases between different machines which we achieved using socket.io from server point of view and socket.io.client for the client side to talk with different port/servers. * Written and hand-coded original HTML and CSS as well as troubleshoot code supplied by vendors and others. |
| Apr 2015–Nov 2015 | **Web Tech Lead and Developer**  **GenBand Inc.,**  **Online Education Portal using WEBRTC**  Title: Online Education System  Framework: WEBRTC**,** HTML 5, CSS 3, JavaScript, Kandy Library, Node JS.  **Description:**    The project objective is to provide the real time communication between the presenter and the student. Using WEBRTC Concepts, this app enables video call, audio call, instant message and white boarding facilities between the presenter and the student using Kandy library. The Kandy library is a wrapper that will provide the WebRTC functionalities in both JavaScript sdk methods or using Rest API calls.  By using **WEBRTC** techniques, users can view the presenter’s whiteboard screen activities and will be able to achieve the real-time communication.  **Responsibilities:**   * Designing the application using HTML5 & CSS3 as per the requirements. * Developing web-based applications using NodeJS * High-level abilities using current web standards such as CSS3, HTML5, Javascript, as well as jQuery. * Written and hand-coded original HTML and CSS as well as troubleshoot code supplied by vendors and others. |
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| Jan 2015– Mar 2015 | **Web Tech Lead and Developer**  GenBand Inc.,  **WhiteBoard API Tool using JavaScript**  Title: Whiteboard API Tool  Framework: WEBRTC**,** HTML 5, CSS 3, JavaScript, Node JS.  **Description:**  The project objective is to provide API for creating the whiteboard tool. Using this Whiteboard API Tool, we can do much functionality using SVG components.   * We can draw different kind of SVG shapes like circle, rectangle, textboxes, ellipse and free-drawing (pencil drawing). * We can do drag and drop operation * We can resize the drawn shapes; * We can change color, border, style, border-color, fill-color etc. * We can edit or delete the shapes drawn.   In this technique, we are having two types of users   * 1. Presenter (One who creates the session and acts as the owner of the session/meeting)   2. Participant (People who joins the session by logging in and acts as the members of the session/meeting.)   By using **WEBRTC** techniques, users can view the presenter’s whiteboard screen activities and will be able to achieve the real-time communication.  Here, users can create audio and video calls between them.  **Responsibilities:**   * Designed the API as per the requirement. * Added functionality to the designed screens. * Handled the project independently * Prepared technical and functional documentation. * Created the application package and tested it against the customer standards. |
| June 2013  – July 2014 | **Web Tech Lead and Developer**  **Boeing Inc**  **Automation Tool**  Title: Automation Tool for aircraft testing  Framework: Bootstrap using HTML 5, CSS 3, AngularJs JavaScript, Jquery, JSON  Back End: MongoDB  **Description:**  The project objective is to provide easy access to design a aircraft parts systematically by creating a plan inputs as geometrical. User contains 3 roles as lead Engineer, developer and support Engineer. User logging authentication is also there. We can able to delegate the task to others. Global search & Plan Search available in all screens.Reports can be seen using animated Charts & Graphs. Using Javascript the inputs are framed as json objects. In backend the python will take the json input from the UI and call client side scripts return back the output form of json file. Plan information is stored in the MongoDB for future reference.  **Responsibilities:**   * Designed the UI as per the requirement. * Added functionality to the designed screens. * Handled the team of 4 members. |



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| Before 2013 | | **Web Tech Lead and Developer**  **Mcafee**  **Facebook App**  Title: Facebook Apps for Windows Mobile  Framework: Visual Studio 2012  Front End: Windows 8 Release Preview, WinJS, Designing Metro Application using  HTML 5, Win JS control, C#.Net 2012, CSS 3, WCF, JavaScript, query  **Description:**  The project objective is to provide easy access to social networking using Web Authentication broker API Models. It allows the user to login to the user’s Facebook. On successful login user is displayed with different tiles such as profile, Wall posts, Notifications, Events and Friends List. At particular time intervals, the information was updated from the Facebook using tile & badge notification process. Also the Search & share Contracts was implemented in charms bar.  **Responsibilities:**   * Designed the UI as per the requirement. * Added functionality to the designed screens. * Handling web service related activities like service creation and consumption. * Prepare technical and functional documentation. * Created the application package and tested it against the windows 8 store guidelines using windows App certification kit. | |
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**DECLARATION:**

I hereby declare that all the information furnished above is true to the best of my belief and knowledge.

Yours Truly,

DATE:

(RAMA VIVEKANANDA)