**LAVANYA. M**

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**GOAL**

Immediate goal is to climb up in my career ladder and support my family better by being part of an energetic team, with continuous encouragement for improvement and use technology for achieving the goals of the Project being part of.

Mid-term goal is to be able to lead a Team in planning & achieving organization goals more efficiently and effectively, with ownership.

**WORK EXPERIENCE**

Overall work experience of 17 months (includes 5 months in Electrical Engg. firm), of which 1.7 years of IT experience in working with rapid application development using NodeJS & related technologies in building couple of key platforms for **QRUIZE TECHNOLOGIES** from May 2013 to may 2014.

**SKILLS**

* Understanding in MVC framework for Front End **Ember js**, with nodejs as the backend.
* Understanding in MVC framework in building rapid applications on **NodeJS**, using Express & Kraken frameworks
* Ability handling asynchronous design pattern in coding with thorough understanding on **Prototypical & Functional Programming model of Javascript**
* Responsive application UX design for desktop & mobile based on static designs from screen designers using **JQuery, JQuery Mobile & CSS3, MobileAngular UI**
* Enabling dynamic rendering for the applications using **DustJS** along with **KrakenJS, using JSON**
* Application integration with **SQLite3** as the database
* Working skills on **git** on Linux and used it as code repository for the projects daily code update
* Good proficiency in English both spoken and written
* Good team player, self-motivated and dedicated smart worker

**PROJECT WORKED**

***Project Name: Ride share (Hybrid Mobile Application)***

***Overview:*** It is a project for a start up in Australia, which is operating in a collaborating consumption space. The hybrid-mobile application allows to share the ride with each other. Pickup and drop details, ride date and time, car details etc can be shared among a group or more.

***Role played:*** Designer.

***Technology used in this role:*** Mobile Angular UI, HTML, CSS3, Bootstrap v3.2.0

***Skills exhibited in this role:***

* Created the responsive design using HTML, CSS3 using bootstrap as the framework.
* Created the responsive design using HTML, CSS3 using Mobile Angular UI as the framework.
* Testing the same on various mobile devices including Android & iOS browsers.
* Reported in to a Team Lead.

***Project Name: Template-designing (using Qruize media Editor)***

***Overview:*** Qruize Media Editor is a platform that provide widgets to build a static website template

***Role played:*** Designer.

***Skills exhibited in this role:***

* Used the editor platform to build the Website.

<http://jigarthanda2014.com/> , <http://aventferrycleaners.com/> are the sites on live and various templates for restaurants and movies were designed and published.

* Reported in to a Team Lead.

***Project Name: Qruize Tech Talk (backend service and front end )***

***Overview:*** Tech-Talk regularly publishes practical, meaningful and actionable white papers, case studies and 'how to' guides on a variety of cutting edge technologies.

***Role played:*** Developer and designer

***Technology used in this role:*** NodeJS, express, CSS, Javascript, HTML, twitter Bootstrap

***Skills exhibited in this role:***

* Created the responsive design using HTML, CSS using bootstrap as the framework.
* Testing the same on various mobile devices including Android & iOS browsers.
* Creating API backend services to download the pdfs from the S3 bucket using nodejs.
* Enabled all front end functionalities by linking them to the API calls, including the error handling.
* Reported in to a Team Lead.

***Project Name: Jamsta (Mobile controlled Jukebox On-the-Go using Raspberry-PI Platform) – Qruize Technologies (Sep 2013 – Dec-2013)***

***Overview:*** A mobile controlled Jukebox on-the-go platform, built on top of Raspberry-Pi as the hardware. This is being built as an off the shelf consumer product including hardware. Our team’s goal is to create the software than can scale and perform in the limited hardware capabilities of Raspberry-Pi with only a 512 MB of RAM & support for Ubuntu Linux platform using OMX media player as the core on NodeJS technologies. Currently this platform is being performance tested, fine-tuned and is expected to be in beta by April 2013.

***Role played:*** Developer for Mobile Web UX (User Experience), Creation of certain Backend API framework and Integration with the Backend API calls

***Technology used in this role:*** NodeJS(node.js), Kraken on Express Framework, DustJS enabling the frontend, CSS3, Javascript, HTML, Jquery Mobile

***Skills exhibited in this role:***

* Created the responsive mobile application on nodejs using HTML, CSS3 on Express on the framework, and coordinated with the UI Designer in evolving the static design on Photoshop. Testing the same on various mobile devices including Android & iOS browsers
* Creating API backend functionality, as per design, including that for the Search, Add to Play Queue, continuous loading for search results.
* Enabled all front end functionalities by linking them to the API calls, by coordinating with the API Developer, including the error handling
* Reported into a Team Lead

***Project Name: NotifyChennai (Notification Platform) – Qruize Technologies (May 2013 – Aug 2013)***

***Overview:*** A Notification platform which will remind/ alert users on events based on their preference during the registration. Currently this platform is setup and released for Public beta to notify Chennai residents who register on their location specific Electricity shutdown dates, to help them to take necessary actions & be prepared. <http://www.notifychennai.com/>

***Role played:*** Developer for Desktop Web UX (User Experience) & Integration with the Backend API calls

***Technology used in this role:*** NodeJS(node.js), Express Framework, CSS, Javascript, HTML, Twitter Bootstrap

***Skills exhibited in this role:***

* Created the responsive application on nodejs using HTML, CSS3 on Express on the framework, and coordinated with the UI Designer in evolving the static design on Photoshop
* Enabled the functionalities by linking them to the API calls, by coordinating with the API Developer
* Reported into a Team Lead

***Project Name : The Novel Approach on the Production of Electricity Using Piezoelectric Crystals***

***Role played:*** Team Leader.

***Description:*** The project is about utilization of the mechanical energy, which is wasted in the atmosphere, for the generation of electricity using piezoelectric ceramics, which has the piezoelectric property. The piezoelectric ceramics were used and a mechanical pressure is applied on them and electricity is produced.

***Piezoelectric Effect :*** the production of electricity or electric polarity by applying a mechanical stress to certain crystals (notably quartz).

**EDUCATION**

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| --- | --- | --- | --- | --- |
| **DEGREE** | **INSTITUTE/COLLEGE** | **UNIVERSITY/BOARD** | **YEAR OF PASSING** | **MARKS** |
| **B.E. (EEE)** | PAAVAI ENGINEERING COLLEGE, NAMAKKAL. | ANNA UNIVERSITY  CHENNAI | 2012 | 8.99  (CGPA) |
| **HIGHER SECONDARY** | ST. JOSEPH’S MAT HIGH SEC SCHOOL, HOSUR | MATRICULATION | 2008 | 85.08% |
| **SSLC** | ST. JOSEPH’S MAT HIGH SEC SCHOOL, HOSUR | MATRICULATION | 2006 | 90.72% |

**OTHER SKILLS**

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| --- | --- |
| Programming languages known : | Javascript (NodeJS), Java(beginner), C++ |
| Operating system worked : | Windows 7/ 8, Ubuntu Linux 12.0.4 LTS |
| Web tools : | HTML(responsive designing), CSS3 , Twitter Bootstrap |

**SUPPLEMENTARY TRAINING**

* Undergoing Java certification course at NIIT.
* Completed soft skills training conducted by Axiom Academy.
* Attended the Foundation Program conducted by Infosys.

**CO-CURRICULAR ACTIVITIES**

* Undergone In plant Training in EASEN REYROLLin Hosur, SOUTHERN RAILWAYS In Chennai.
* Has been a member of ISTE and Served as an active **coordinator** in various events conducted during my department symposium “EXCITRON-09, 10**”**.
* Appointed as the **executive member** of my department association “Innovative Society of Electrical Engineers” over the period of 2years.
* Has been **Department Topper** for 4 semesters’ for the semester exam conducted by Anna University and done **automation course** in PLC (beginner).

**PRIZES AND AWARDS**

* A special prize has been awarded for **Overall Proficiency** in matriculation examination during the academic year 2005-06.
* A special prize has been awarded for scoring **CENTUM** in Biology in matriculation examination during the academic year 2005-06.
* Was awarded with trophies and certificates for **Topper of the University Examinations** for 4 semesters.

**PERSONAL PROFILE**

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| Father’s Name | G.Manivannan |
| Date of Birth | 06-Jan-1990 |
| Languages Known | Tamil and English, Telugu (to talk). |
| Permanent Address | LAVANYA.M ,  D/o Mr.G.Manivannan  2-510-1/NA ,Kasi building,  Nearby BSNL office , Belathur road,  Hosur (Tk), Krishnagiri (Dist) ,  TamilNadu - 635124 |
| Current Address | LAVANYA. M  No: 584 16th main, 5th cross, 3rd block,  koramangala. Bangalore,  Karnataka - 560034 |

I **LAVANYA. M** do hereby confirm that the information given above is true to the best of my knowledge.

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| Date : | (Lavanya. M) |
| Place: | signature |