Garnet C - 45, NIT TRICHY
Trichy, TamilNadu - 620015

KUMAR RISHAV

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EMPLOYMENT

Software Developer, Intern at Mozilla   Google Summer of Code - 2014   Mentor: Gabriele Svelto

 Improved messaging functionality and interaction in the Messaging application of FireFox OS
   * Enhancement in existing User Interface, introduced tabs and replaced text button with icons.
   * Introduced Read/Unread feature for messages, wrote methods and worked on L10n-Localisation too.
   * Wrote specs for unit testing using Sinon.js (Unit testing framework) and Chai.js (assertion library).

EDUCATION

Tamil Nadu, India   National Institute of Technology, Trichy   July 2012 – May 2016
 * Pursuing **Graduation** in **Computer Science Engineering**   CGPA: 8.11
 * Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages;
   Computer Architecture; Web Technology; Engineering Entrepreneurship.

Bihar, India   St. Joseph Public School, Samastipur
 * Senior Secondary School (Class XII)   CGPA: 74.4%   May 2011
 * Secondary School (Class X)   CGPA: 93.4%   May 2009

TECHNICAL EXPERIENCE

Open Source Projects
 * **Undo Implementation in messaging application of FireFox OS** (2015)   **Mentor:Julien Wajesbergh**
   * Modification in user interface and visual design to add this feature.
   * Wrote Undo Manager methods for Read/Unread messages and deletion of thread-list and messages.
   * Undo feature extended to delete feature too and worked on L10n-localisation of above.
   * Fix the bugs and wrote specs for Unit testing for above methods.
 * **Finderjs Library and Finder App - Applait** (2014)
   * Worked on UI interaction and functionality enhancement of Finder app and Finderjs Library - Library which
     powers the Finder application.
   * Wrote the specs for new methods using **Jasmine framework**.
 * **Bug fixing in various applications of FireFox OS likes SMS, Contacts along with writing test suites** (2013 - 2014)
   * Resend Functionality for errored messages as long press option. Landed new API's in UI test application.
     Methods for returning size along with their unit for the messages and wrote specs for these methods.

ADDITIONAL EXPERIENCE AND AWARDS

* **Open Source Code Contributor** : Mozilla Organisation [2013- present], Github and Applait.
* **Mozilla Representative** and **Marketplace User's Review Moderator** at Mozilla
* **Speaker at FOSS Events & Tech Fest :** Gravitas - VIT Vellore on HTML5 App development, Developer Boot Camp Indore
   FireFox OS App Days at Amrita University Coimbatore and MozCAMP at Bangalore.
* **Manager** at Pragyan (Tech Fest of NIT TRICHY)- 2015 & **Coordinator** at Pragyan 2014 **.**

Languages and Technologies
 * **Languages**   : C, C++, HTML5, JavaScript, Nodejs, Php
 * **Operating System**   : Windows , Linux
 * **Database & Design Packages** : MySQL, Adobe Photoshop
 * **Version Control System** : Git
 * **Frameworks/Libraries** : jQuery, Bootstrap, Chai.js, Sinon.js, Jasmine