S/o - Suman Kumari
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KUMAR RISHAV

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EMPLOYMENT

Software Developer Intern at Mozilla   **Google Summer of Code' 14**   **Mentor: Gabriele Svelto**

Improved messaging functionality and interaction in the Messaging application of FireFox OS
* Enhancement in existing User Interface, introduced read/unread feature for messages and worked on L10n.
* Deployed test specs using Sinon.js - unit testing framework and Chai.js - assertion library.

EDUCATION

Tamil Nadu, India   **National Institute of Technology, Trichy**   **July 2012 – June 2016**
* Graduation in Computer Science Engineering   CGPA: 8.02
* Undergraduate Coursework: Operating Systems; Databases; Algorithms; Data Mining; Programming Languages;
   Computer Architecture; Web Technology; Engineering Entrepreneurship.

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

TECHNICAL EXPERIENCE

Open source & self undertaken Major Projects
- **Project OpenIoMeT - The linkage among doctors, patients & the web-enabled medical devices**   May' 16 - Ongoing
   * To provide a centralized place to collect data from different medical devices or apps automatically.
   * To monitor health condition of users and allows doctors to provide timely diagnosis.
- **Opinion Mining of Real Time Events - Data Mining**   Feb' 16 - April' 16
   * Scraping streaming data from social networking site and related review website using APIs and web crawler.
   * Preprocessing and cleaning of data and applied Natural Language Processing (NLP) on gathered data.
   * Moving data to Hadoop framework and implement appropriate models for data mining to recognizing opinions.
- **Undo Implementation of read & delete actions in messaging application of FireFox OS**   April' 15 - June' 15
   * Modification in existing user interface and visual design to implement this feature.
   * Wrote undoManager methods for read & delete actions of threadlist & messages.
   * Wrote specs for unit testing for above methods & worked on L10n - localization.
- **Improved messaging functionality and interaction in the Messaging application of FireFox OS**   May' 14 - Aug' 14
   * Google summer of code' 14 project under Mozilla organization.

ADDITIONAL EXPERIENCE

- **Open Source Code Contribution** : Mozilla Organization, Github atom packages, Applait
- **Founding member & Contributor** at Project OpenIoMeT - openiomet.org
- **Speaker at FOSS Events & Tech Fest :** Version Control Systems - NIT Pondicherry, HTML5 App dev - VIT Vellore,
   Firefox OS App days & Developer Boot Camp - Indore, Web dev & VCS - Amrita University Coimbatore and others.
- **Manager** at Pragyan - Tech Fest of NIT Trichy & Vortex - Symposium of CSE Dept. **Mozilla Representative** at Mozilla.

LANGUAGES & TECHNOLOGIES

- **Languages** :   Node JS, HTML5, JavaScript, C, C++, Python, Php, Mysql
- **Operating System** :   Linux, Windows
- **Version Control System** : Git, Mercurial
- **Frameworks/Libraries** :   jQuery, Bootstrap, Chai.js, Sinon.js, Jasmine, Hadoop
- **Tools/Packages** :   Adobe Photoshop, Docker, Aws

More details on https://kumarrishav.github.io