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 – May 2016**

 * Pursuing Graduation in Computer Science Engineering   CGPA: 8.00
 * Undergraduate Coursework: Operating Systems; Databases; Algorithms; Data Mining; 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 & self undertaken Major Projects

 • **Project Eir - The linkage among doctors, patients & the web-enabled medical devices**   March' 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 - Ongoing
   * 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-localisation of above.
 • **Improved messaging functionality and interaction in the Messaging application of FireFox OS**   May' 14 - Aug' 14
   * Google summer of code' 14 project under Mozilla organisation.

ADDITIONAL EXPERIENCE

 • **Open Source Code Contributor** : Mozilla Organisation, Github, Applait.
 • **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.
 • Manager at Pragyan - Tech Fest of NIT Trichy & Vortex - Symposium of CSE Dept. Mozilla Representative at Mozilla**.**

LANGUAGES & TECHNOLOGIES

 • **Languages** :   HTML5, JavaScript, Node Js, 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