

Keerthana Krishnan
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Kochi

AREAS OF EXPERTISE

- Technical Skills: JavaScript, C, Python, Bash Shell, PHP, Ruby on Rails, MySQL, C++,
- Operating Systems known: Debian, Ubuntu, Mint, Fedora
- Areas of Interest: Free/Libre Open Source Software (FLOSS), Web Application Development, Shell Scripting, Computer Networks, Computer Security, Content Management of Websites

WORK EXPERIENCE

- **Organisation: Baker Hughes** **Post: Software Developer** **Duration: Ongoing**
 - Helping to deliver cutting edge Enterprise solutions in Oil Drilling services
 - Technology: JavaScript
- **Organisation: Debian/Google** **Post: Intern** **Duration: 3 Months**
 - Contributor to the Debian Operating System Software
 - WikiPage <https://wiki.debian.org/SummerOfCode2016/StudentApplications/KeerthanaKrishnan>
 - Technology: Bash shell, C++, PHP, MySQL
- **Company: Assyst International** **Post: Intern** **Duration: 1 Month**
 - Project: Creating JS forms for various purposes
 - Team size: 1
 - Technology: JavaScript, MEAN Stack, AJAX, JQuery
- **Company: International Center for Free and Open Source Software (ICFOSSS)** **Post: Intern** **Duration: 3 Weeks**
 - To render a power point presentation on a browser.
 - Team size: 1
 - Technology: JavaScript, CSS, HTML

ACHIEVEMENTS

- Speaker at FOSS ASIA 2017, Singapore : <https://eventyay.com/e/45da88b7/sessions/>
- Speaker at WordCamp Kochi 2017 : <https://2017.kochi.wordcamp.org/speakers/>
- Speaker at DebConf16 at Cape Town : [1] and [2]
- Selected as intern for Debian in Google Summer of Code 2016
- Selected for the Grace Hopper Women In Computing Conference Scholarship on Merit
- [1] : <https://debconf16.debconf.org/talks/62/>
- [2] : <https://debconf16.debconf.org/talks/29/>

VOLUNTEER EXPERIENCE

- **Organisation: Debian** **Post: Contributor** **Duration: Ongoing**
 - Contributor to the Debian and FreeRTC software
 - Wiki Page : <https://wiki.debian.org/KeerthanaKrishnan>
 - Technology: JavaScript, PHP
- **Organisation: Fedora** **Post: Contributor** **Duration: Ongoing**
 - Contributor to the Open Source Fedora project
 - Wiki Page : <https://fedoraproject.org/wiki/User:Keekri>
 - Technology: JavaScript, C
- **Organisation: IEEE** **Post: Contributor** **Duration: 3 years**
 - Involved in technical and technology related social events across Kerala
 - Helped in event organization, publicity and documentation
- **Organization: Make A Difference** **Post: Fund Raising Intern** **Duration: 1 Year**
 - Involved in the fund raising wing of an NGO which focuses on the welfare of children in shelter homes across the country in 23 cities
 - Team size: 50
 - Organized more than 5 major charity fund raising events in Cochin city.

ACADEMICS

COURSE	INSTITUTION	AGGREGATE	YEAR
B. Tech (Computer Science and Engineering)	Govt. Model Engineering College (CUSAT)	7.6 (GPA)	2012-2016
Class XII	Model Technical Higher Secondary School (THSC)	90.5%	2012
Class X	Model Technical Higher Secondary School (THSLC)	9.5 (CGPA)	2010

PROJECTS

- **Project: Personal Blog** **Team Size: 1** **Duration: 1 year**
 - A personal blog : <http://thewaterbabe.in/>
 - Role: **Website Creator and Admin**
 - Technology: HTML, Bootstrap, JavaScript, CSS, Wordpress CMS
- **Project: Personal Website** **Team Size: 1** **Duration: 1 year**
 - A personal website : <http://www.keerthanakrishnan.in/>
 - Role: **Website Creator and Admin**
 - Technology: HTML, Bootstrap, JavaScript, CSS
- **Project: Improving voice, video and chat communication with free software with Debian under Google Summer Of Code 2016** **Team Size: 1** **Duration: 3 Months**
 - A project with [Debian](#) under [Google Summer of Code](#)
 - Role: **Website Creator and Admin**
 - **Technology: HTML, Bootstrap, JavaScript, CSS, Wordpress CMS**
- **Project: Programming++** **Team Size: 3** **Duration: 6 Months**
 - Visual Programming Language Software
 - Role: **Main Coder and Database Designer**
 - Technology: HTML, Bootstrap, JavaScript, CSS, Ruby On Rails
- **Project: CryptoChat** **Team Size: 4** **Duration: 3 Months**
 - Secure instant messaging application
 - Role: **Database Design and Coding**
 - Technology: XMPP, Amazon EC2 Server, SQL
- **Project: Music Database** **Team Size: 4** **Duration: 20 Days**
 - A Database for storing, selecting, playing and deleting music file lists.
 - Role: **Database Design and Testing**
 - Technology: HTML, JavaScript, JSP, MySQL.
- **Project: Number guessing game** **Team Size: 1** **Duration: 1 Day**
 - It is an android game application which generates a random number and asks the user to guess it by providing clues within 10 maximum guesses.
 - Role: **App Developer**
 - Technology: Android, Java, Eclipse IDE.
- **Project: Secure Diary** **Team Size: 1** **Duration: 1 Day**
 - An application to encrypt diary entries using python
 - Role : **Coder**
 - Technology: Python
 - Winner : Most innovative python project in the hackathon conducted at Raspberry Pi Workshop, part of KiTes 2013, during 6th-7th July 2013, Govt Engineering College, Thrissur
- **Project: Line tracer robot** **Team Size: 4** **Duration: 7 Days**
 - A line tracing and obstacle detecting robot made as a part of workshop on Swarm Robotics conducted by Roboversity at Govt. Model Engineering College.
 - Role: **Team Member and Coding**
 - Technology: Coding micro controller.

POSITIONS OF RESPONSIBILITY

- **Student Ambassador**, International Centre for Free and Open Source Software 2015-2016
- **Student Member**, IEEE, IEEE Computer Society (CS), Women In Engineering (WIE), Kerala Section, since January 2013
- **Member**, MACS, MEC Association of Computer Students
- **Fund Raising Intern**, MAD (Make A Difference) Cochin, 2014-15
- **Events Coordinator**, IEEE Student Branch (SB) of Govt. Model Engineering College, 2014-15
- Publicity, Marketing Volunteer, Excel 2014 held at Model Engineering College, 25-27th September 2014
- Publicity Volunteer, Kerala IEEE Technical Symposium (KITeS) 2014, held at RIT Kottayam on 15th August 2014
- Contributing Editor, Verve, IEEE Kochi Subsection Web Magazine released on July 1, 2014
- Organizer, Technical Workshop Marathon conducted at Model Engineering College from 12-20 June 2014, involved in locating resource persons and was personally involved with publicity.
- Organizer, Android Workshop conducted at Model Engineering College by ECell, during 26-27 February 2014
- Organizer, Excel 2013, Technology festival at Model Engineering College at 27-29 September 2013
- Contributor - IEEE LINKLINE 2013 published by Kochi Hub in June 2013
- Volunteer at Computer Society of India (CSI) National Quiz 2013, Regional Round conducted in Cochin on January 2013
- Volunteer for IEEE Educational Outreach Program at Pratyasha Bhavan, an orphanage for high school girls in October 2012

INTERESTS AND ACTIVITIES

- Blogger, <https://cutencrazyindie.wordpress.com/>
- FOSS Enthusiast and developer, <https://github.com/Keerthana17>
- Participant, Workshop on "Big Data Analytics With MongoDB" by Computer Society Of India held at Albertian Institute of Science And Technology on 28th-29th October 2014
- Participant, Workshop on "Introduction to Go Programming Language" held in connection with Excel 2014 at Govt. Model Engineering College on 27th September 2014
- Participant, Seminar on "Cloud 101" held in connection with Excel 2014 at Govt. Model Engineering College on 26th September 2014
- Participant, Cocon 2014, One Day Workshop On Ethical Hacking For Women, by Kerala Police at Atulya Auditorium, Infopark on 21st August 2014
- Participant, All Kerala Computer Society Day (AKCSD), IEEE CS event organized by College of Engineering Chengannur, on 5th August 2014
- Participant, Developer Boot Camp, Organized by IEEE CS Kerala Section at Govt. Engineering College, Wayanad, 12th -13th June 2014
- Participant, in 'Impulse 2k14', IEEE WIE meet up conducted at FISAT on 5th July 2014
- Participant, Focus group discussion on "Social Networking Services and Social Media Platforms and Technology" by Department of Management Studies, Christ University, 11th May 2014 as a part of an Indo-Korean Science and Technology collaborative project
- Participant, Renesas Neona RL78 Design Contest conducted by Neona labs at Albertian Institute Of Science And Technology, 7th -10th February 2014
- Participant, Devcon 2013, developer conference conducted at Govt. Model Engineering College on 27 September 2013
- Participant, Robotics workshop conducted by 4th-6th September 2013 Skyfi Labs at Govt. Model Engineering College
- Participant, Raspberry Pi Workshop, part of KiTes 2013, during 6th-7th July 2013, Govt Engineering College, Thrissur