

Ershad Kunnakkadan

Résumé

Kunnakkadan House,
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Technical skills

Operating Systems

Linux, Mac OS X, Windows

Languages

Ruby, Python, C, C++, HTML/CSS/Haml/SaSS, JavaScript, Visual Basic, Embedded programming with C

Development Tools

emacs, gdb, vim, bash, git, hg, bzd, eclipse, netbeans

Frameworks

Ruby on Rails, ReactJS, AngularJS, Qt4, Pyxmpp, python-twitter, jQuery, gammu, gloox, Silpa

Software Packages

PostgreSQL, MySQL, Docker, Adobe Photoshop, L^AT_EX, Office suites

DevOps

AWS, Heroku, DigitalOcean, Ansible, Chef, Nomad

Work Experience and Positions

July 2015 – Present

Senior Software Engineer, *BigBinary*, Remote, <http://bigbinary.com>. Full Stack Developer. Consulting for various clients of BigBinary.

Jan 2013 – July 2015

Software Architect, *BangTheTable*, *Bangalore*, <http://bangthetable.com>. Lead of the team. Designed and implemented solutions for the flagship product EngagementHQ while taking care of its DevOps, scalability and security.

May 2012 – Dec 2012

Software Engineer, *BangTheTable*, *Bangalore*, <http://bangthetable.com>. Contributed to the development of various software products of Bang the Table.

Mar 2012 – Apr 2012

Developer Intern, *BangTheTable*, *Bangalore*, <http://bangthetable.com>. Learned and developed software for BangTheTable.

Oct 2011 – Feb 2012

Systems Programmer, *Rainbowlive Technologies*, *Kochi*, <http://rainbowlive.in>. Developed computer network based products.

Google Summer of Code (GSoC)

2014

Language detection and filter in Diaspora, *Swathanthra Malayalam Computing*. Mentored the student who built the language detection and filter in Diaspora.

2013

Grandham - Bibliography data project, *Swathanthra Malayalam Computing*, <http://github.com/smc/grandham>. Built Grandham platform and APIs. Successfully completed the project.

Security Bounty

- o **GitHub** – <https://bounty.github.com/researchers/ershada.html>
Found a security vulnerability in GitHub Gist.

- **Prezi.com** – <http://prezi.com/bugbounty/whitehats>
Found a security vulnerability that exposed title of presentations in database.

Open Source Contributions

- Nov 2012 – Present **Wikimedia**, *Open source contributor*, <http://wikimedia.org>.
Wikimedia
- Mar 2009 – Present **SMC**, *Developer, Translator*, <http://smc.org.in>.
Swathanthra Malayalam Computing

Pet Projects

- **TalentSpace** – <http://talentspace.in>
Founded a hacker school and taught Ruby on Rails to 6 students over a span of 2 months.
- **QuizGrid** – <http://quizgrid.com> (Terminated)
A Social network based on quiz.
- **myfest.in** – <http://myfest.in> (Terminated)
A web application in Ruby on Rails to find and share campus fests accross India.
- **Salt Analysis Simulator** –
Higher secondary school project. Simulation of laboratory salt analysis process.
- **Twitter Malayalam Dictionary bot** –
A Malayalam dictionary twitter bot based on SILPA framework of SMC.
- **Other open source projects** – <http://github.com/ershad>
Collection of various open source projects and contributions.

Talks and Workshops

- Feb 2014 **Programming in Ruby for fun and profit**, *National Institute of Technology, Calicut*.
Led a workshop introducing ruby and its industry applications
- Jan 2014 **Ruby Programming Language**, *NSS College of Engineering, Palakkad*.
Led a workshop in programming in Ruby
- Sep 2012 **Git Version Control System**, *MES College of Engineering, Kuttippuram, Malappuram*.
Led a workshop on Git Version Control System
- Apr 2012 **Introduction to free software**, *MES College of Engineering, Kuttippuram, Malappuram*.
Presented a talk on free software and package management in debian
- Jan 2012 **Free software and web technologies**, *NSS College of Engineering, Palakkad*.
Presented a talk on free software and web technologies
- Jan 2012 **GNU/Linux Command line tools and Shell scripting**, *NSS College of Engineering, Palakkad*.
Led a workshop on GNU/Linux command line tools and shell scripting

- Sep 2011 **Git Version Control System**, *NSS College of Engineering, Palakkad.*
Led a workshop on Git Version Control System
- Aug 2011 **Fun with programming and introduction to Free Software**, *NSS College of Engineering, Palakkad.*
Presented an introductory talk on free software and how to have fun with programming
- Jul 2011 **Fun with programming and introduction to Free Software**, *MES College of Engineering, Kuttippuram, Malappuram.*
Presented an introductory talk on free software and how to have fun with programming

Achievements

- Nov 2012 **Hackathon**, *Wikimedia Foundation.*
Won the prize for 'The most innovative project' in Wikimedia DevCamp conducted at IIM Bangalore
- Jul 2012 **Hackathon**, *Innoz technologies, Bangalore.*
Won third prize in the National Level Hackathon conducted at Innoz technologies, Bangalore
- Mar 2012 **Shell Scripting Contest**, *Saintgits College of Engineering, Kottayam.*
Won first prize in the National Level Shell scripting competition conducted as a part of Nakshatra Tech fest
- Feb 2012 **Shell Scripting Contest – Scriptaculous**, *TKM College of Engineering, Kollam.*
Won first prize in the National Level Shell scripting competition conducted as a part of Conjura Tech fest
- Feb 2012 **Virus infiltration and healing competition – Virus Evacuation**, *College of Engineering Kallooppa, Pathanamthitta.*
Won first prize in the National Level Virus Healing Contest conducted as a part of Dhanus Tech fest
- Feb 2012 **Linux administration and bash scripting competition – Linux Guru**, *College of Engineering Kallooppa, Pathanamthitta.*
Won first prize in the National Level Linux based Contest conducted as a part of Dhanus Tech fest
- Feb 2012 **Ethical Hacking Contest – Haxploit**, *Amrita Vishwa Vidyapeetham, Kollam.*
Won first prize in the National Level Ethical Hacking Contest conducted as a part of Vidyut Tech fest
- Feb 2012 **Developing Software Bot Contest – Botomatic**, *Amrita Vishwa Vidyapeetham, Kollam.*
Won first prize in the National Level Software Bot Developing Contest conducted as a part of Vidyut Tech fest
- Oct 2011 **Shell Scripting Contest – Tux of War**, *National Institute of Technology, Calicut.*
Won first prize in the National Level Shell Scripting Contest conducted as a part of Tathva Tech fest
- Sep 2011 **Shell Scripting Contest – #!/bin/bash**, *Model Engineering College, Cochin.*
Won first prize in the National Level Shell Scripting Contest conducted as a part of Excelmec Tech fest
- Feb 2011 **Paper Presentation Competition: Git Version Control System**, *Nehru College of Engineering and Research Centre, Thrissur.*
Won first prize in the Paper Presentation Competition conducted as a part of Prayaana Tech fest

Education

- o Bachelor's degree in Computer Science from Bharathiyar University, Coimbatore, India.

Interests and Hobbies

- An avid reader on technology, fiction and non-fiction books and websites.
- Hobbyist photographer, http://flickr.com/photos/ershad_k