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# Manu Krishnan T.V

## Technical skills

|   |   |
|---|---|
| <b>Programming Languages &amp; APIs</b> | <b>Proficient:</b> C, C++, Python, PHP, MySQL, XML, HTML, CSS<br><b>Pursuing:</b> Javascript, jQuery, Shell Scripting, QT, GTK<br><b>Familiar:</b> Java, Lisp, Prolog, 8086 Assembly Language |
| <b>Authoring &amp; Graphics</b>         | LaTeX, LaTeXBeamer, LibreOffice, Gimp, Inkscape, Dia  |
| <b>System Administration</b>            | GNU/Linux Server administration, Networking (Both GNU/Linux & Microsoft Windows)  |
| <b>Web Development</b>                  | Apache, Drupal, Wordpress, Joomla, Coppermine, Piwik, Mailman, KompoZer   |
| <b>Version Control Systems</b>          | Git, Subversion(svn)  |

## Projects

### iSearch

Description A meta search engine which analyses results from Google, Yahoo & Bing.  
Languages Python, PHP, jQuery, MySQL

### Smart School

Description **B.Tech. Mini Project:** A web based, easy to use automation system for schools.  
Mentor Govindraj E  
Languages PHP, jQuery, CSS, Python, MySQL  
Project Home <http://smart-school.sourceforge.net/>  
Source Code <http://smart-school.svn.sourceforge.net/viewvc/smart-school/>

### Freedom Toaster using Open Hardware (ongoing)

Description **B.Tech. Main Project:** An embedded system level implementation of the Freedom Toaster  
Mentor Sajith N  
Languages Python, GTK, XML, Shell Scripting  
Project Home <http://freedom-toaster.sourceforge.net/>  
Source Code <http://freedom-toaster.git.sourceforge.net/>

## MESTECH '10 Automation

|             |  |
|-------------|--|
| Description | Automation of participant & event registration (Both online & offline) for MESTECH '10; the annual technical fest of MESCE |
| Languages   | PHP, MySQL   |

## B.Tech. Seminar

|             |  |
|-------------|--|
| Title       | <b>Python in Scientific Computing</b>  |
| Description | The purpose of this topic is, to get acquainted with the the power and features of the Python programming language and on how to make use of it in the scientific computing field. |
| Mentor      | Jahfar Ali   |

## Work Experience

### Fastech Systems

|                 |   |
|-----------------|---|
| Job Title       | Service Engineer  |
| Company URL     | <a href="http://www.fastech.in/">http://www.fastech.in/</a>   |
| Duration        | 2007 March onwards  |
| Job Description | Part time hardware/software service professional. Work includes PC assembling, OS/Software installation & troubleshooting, Basic Networking, etc. |

## Education

|           |   |
|-----------|---|
| 2007–2011 | <b>Bachelor of Technology, Computer Science and Engineering (ongoing),</b> <i>University of Calicut, M.E.S College of Engineering, Kuttippuram, Kerala, 65.5% - Aggregate of 6 semesters.</i> |
| 2005–2007 | <b>Technical Higher Secondary Education, T.H.S.S Vattamkulam,</b> Nellissery, Edapal, <i>84.6%.</i>   |
| 2005      | <b>Technical Secondary School Education, T.H.S.S Vattamkulam,</b> Nellissery, Edapal, <i>88.5%.</i>   |

## Activities & Achievements

- Contributor to various Free Software projects including Swathantra Malayalam Computing, Debian, Chamba Project, etc.
- Active member of MES-FSUG and various other Free Software user groups.
- Department & Design committee head for MESTECH '10
- Developer of many websites including MESTECH '10, iConcept, Thanal.in, FSUG-Calicut.org, GNULabs.org, etc.
- Participant of Mobile Developer Summit 2010 at Bangalore.
- Part of the organizing team for the MATRICS, Association of Dept. of Computer Science and Engineering, M.E.S College of Engineering, Kuttippuram.
- Participant of National level workshop on Scientific Computing using Python(SciPy) conducted by FOSSEE at Trivandrum & Calicut.
- Winner of various inter-college web designing and programming competitions.
- Won first prize in National level quiz competition conducted at NCFS, CUSAT.
- Class representative of 2007/11 CSE-A batch of M.E.S College of Engineering, Kuttippuram.
- Administer servers & domains for Cool-Works Web & FOSS Solutions.

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## Workshops & Talks Conducted

- Lightning talk on Drupal at NIT Calicut as a part of Tathva '10.
- "Thinking in Python", hands-on workshop at M.E.S College of Engineering, Kuttippuram.
- Talk on "Free Software in Web", given at Govt. Engineering College, Calicut.
- Interactive session on "FOSS tools in Web Development", at National Conference on Free Software, CUSAT.
- Talks on "Basics of Web Development" on multiple occasions at M.E.S College of Engineering, Kuttippuram.
- Talk on "GNU/Linux Operating System" at M.E.S College of Engineering, Kuttippuram.

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## Personal Information

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|-----------------|---|
| Age             | 20  |
| Date of Birth   | 25 May, 1990  |
| Sex             | Male  |
| Blood Group     | O +ve   |
| Languages Known | Malayalam(Mother Tongue), English, Hindi(Basic Knowledge) |

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## Interests

- Web design & development
- Watching cartoons & films
- Playing with pets