

CONTACT INFORMATION

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BIOGRAPHICAL DATA

Age: 21
Gender: Male
Citizenship: India
Date and place of birth: 28th September 1990, Thrissur, Kerala

OBJECTIVE

To pursue a career through which I could continue to explore, learn & put in action the technology for a purpose.

EDUCATION

Government Engineering College, Thrissur, Kerala.

B.Tech in Computer Science & Technology, June 2008 - March 2012(pursuing) (72.5%)
University of Calicut

Don Bosco HSS, Mannuthy, Kerala.

Plus-Two, 2006-2008 - Kerala State Higher Secondary Education (94.16%)

Holy Angel's HS, Ollur, Kerala.

SSLC, 2005-2006 - Kerala State Board (88%)

B.Tech MAIN PROJECT

Webtop

The aim of this innovative project is to create a flexible and efficient, ubiquitous desktop that gives the user power to access his desktop from anywhere. (In progress)

B.Tech SEMINAR

Augmented Reality: Technology & Applications

The purpose of this topic is to get acquainted with Augmented Reality which enhances the level of perception and is often termed as a revolutionary user interface and interaction technique. The presentation covers the basic computer vision algorithms, hardware technologies and real-world applications of Augmented Reality, etc.

B.Tech MINI PROJECT

Python controlled General Purpose Vehicle

In this Embedded Systems project, we created the prototype of a vehicle that can be controlled using a remote computer. Through the GUI developed using PyQt4 the car can be controlled. The little intelligence in the vehicle is an Atmel Atmega8 microcontroller which is programmed in C and compiled using gcc-avr cross compiler. RF modules are used for wireless communication

Source: <https://github.com/jithusunny/Mini-Project>

TECHNICAL SKILLS

Languages & APIs

- **Proficient:** C, Python, Lisp, GUI Programming - PyQt4, Microcontroller Programming(In C for AVR family), HTML.
- **Familiar:** Java, BASH scripting, 8086 Assembly language, Prolog.
- **Pursuing:** PHP, Javascript, CSS.

Source Code Version Control Systems

- Git - <https://github.com/jithusunny>

Platforms Worked

- GNU/Linux, Microsoft Windows.

Authoring & Graphics

- \LaTeX , \LaTeX Beamer, GIMP

AS A SPEAKER

February 2010 **Venue** : FreeZone, Govt. Engineering College, Thrissur. **Topic** : Stellarium

ACHIEVEMENTS, ACTIVITIES & HOBBIES

- Winner of **Mobme Codejam, A 14-day State wide Programming Competition** organized in June 2011 by Mobme Wireless, on two consecutive days - <http://codejam.mobme.in/results>
- First prize in **Online C-Programming competition** hosted by Vidya Academy of Science and Technology in relation with Perizia 3.0 in April 2011.
- First Prize in **Ciphering & Coding** competitions held at Invento'12 - Govt Engg College, Palakkad in March 2012.
- Developed **The Resultmanager** program for assisting the teachers to fetch and analyse the results of any batch of students under Calicut University. The program is written in Python. It does the following:
 - Fetch the result pages of a specified batch of students.
 - Calculate the individual total marks and percentage.
 - Find out the class topper.
 - Calculate the class-wise & subject-wise pass percentage.

Code Repo: <https://github.com/jithusunny/Resultmanager>

- Secured second prize in a quiz competition jointly organized by Microsoft & IEEE at Govt. Engineering college in Jan 2011.
- Participate regularly in technical events. Have won prizes in competitions like Programming, Quiz, etc. in many Technical festivals.
- Active **Free Software Hactivist** and member of Free Software User's Group(FSUG) Thrissur.
- Love coding in Python, admire Functional Programming, typeset using \LaTeX & support UNIX philosophy.
- **Electronics hobbyist**. Spends time hands on Embedded systems and microcontroller programming.
- **Singer**, bagged prizes in several competitions at school level and sub-district level. Appreciate seemingly unmixable genres of music like Classical & Metal.
- A **Tabala** player.
- In love with **deep forests** and wild nature.
- Favorite pastime after Trekking is reading. A budding up fiction writer.

BLOG

I maintain a blog at <http://jithusunnyk.blogspot.com>, powered by Blogger.

REFERENCES

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