



Education

- 2013-Present **M.Tech**, *Indian Institute of Technology, Chennai, India.*
Masters in Computer Science and Engineering- 7 CGPA
- 2012 **B.Tech**, *MES College of Engineering-University of Calicut, Kerala, India.*
Bachelors in Information Technology - 59.42 %
- 2007 **XII**, *Govt. Model Boys HSS Kunnankulam, Kerala, India.*
Computer Science Group, Kerala State Board- 73.50 %
- 2005 **X**, *Bethany St.Johns HSS,Kunnankulam, Kerala, India.*
SSLC, Kerala State Board - 89.47 %

Professional Experience

- January,2013-
July,2013 **Junior Programmer**, *ZimmerSOFT, Cochin, Kerala, India.*
Worked in two projects in Python/Django
- One was an intern-ship portal for start-up client based out in US and other one was a recruitment solution website.

Projects

- Title *Algorithms and Hardness for computing the rotation distance of the binary tree*
Guide Dr.Jayalal Sarma, Asst.Professor, IIT Madras, Chennai, India.
Description Rotation Distance is minimal number of rotations needed to transform one tree into another of same size. Rotations provide a simple mechanism for balancing trees while preserving their underlying order. There are no known polynomial-time algorithms for computing rotation distance,thus trying to formulate an algorithm with better bound and possible implementation. Ongoing.
- Title *Malayalam to CD theory conversion*
Instructor/Course Dr.Deepak Khemani, Professor, IIT Madras. Knowledge Representation & Reasoning.
Description The CD theory defines a semantic base for knowledge representation. It aims at understanding natural language stories. We selected Indian General Election 2014 as domain. Created a parser for processing malayalam sentences and convert it to CD representation which in turn can be converted into any other languages. Implemented using Java.
<https://github.com/amigozgovi/malayalamToCd>
- Title *GIT+ - porting projects to Git*
Guide Dr.Raju.C.K, HOD,IT Dept. MESCE-University of Calicut, Kerala, India.
Description We developed a tool to support portability across version control systems specifically to Git. Core idea was to transform from formats associated to other version control systems to that of Git. The implementation was in C++ .
<https://github.com/amigozgovi/gitplus>

Title *AGROTECH- a website on agriculture*

Guide Jasmin.T.Jose, Asst.Professor,IT Dept. MESCE-University of Calicut, Kerala, India.

Description An interactive website designed using HTML,CSS and implemented using PHP,MySQL database(WAMP Server bundle). Aim was to develop a platform to promote IT in agriculture, assist one in getting or sharing information or service on agriculture she or he wants. Started for one village, but has the capability to scale to more upon need.

<https://github.com/amigozgovi/agrotech>

Computer skills

Good	C/C++,Python/Django,LaTeX,PHP	Experience	Java,Shell,MySQL,HTML,CSS
Passable	Perl,JavaScript,Joomla,PostgreSQL	Pursuing	MATLAB
Platforms/Tools	Linux, Android, Web,MAC,Eclipse	Concepts	Algorithms,Data Structures

Awards and Activities

Awards **Rashtrapathi Scout Award**, *The Bharat Scouts and Guides*, India.
Received Rashtrapathi Scout award from the President of India in 2005.

Exams **Gate 2013** , *All India Rank:595*.

Sports **Basket Ball Player**, *HS and HSS team*.
Played in district level basket ball tournaments.

Cultural **Participant**, *Intra/Inter-College*.
Organised and participated in various cultural and technical events.

Positions of Responsibility

Club/Scout **Troop Leader**, *47th Scout Troop-Bethany*, Chavakkad Educational District.

Association **Secretary**, *Students Association of IT, MESCE*.

Conference **Volunteer**, *WALCOM 2014-Eighth International workshop on Algorithms and computation*.
Worked in hospitality and stage management team of 6-day event held in IITM.

Interests

Software	Linux and Open Source	Mobile	Android and its development
Health	Running,Swimming,Bicycling,Basketball	Travel	Driving,Trekking,Taste trekker
Books	Automobile Magazines	others	Internet,Music,Movies,Events

Personal Details

DOB	30-December-1989	Sex/Nationality	Male/Indian
Marital Status	Single	Languages	English,Malayalam,Hindi,Tamil
Permanent Address	GovindVihar,Chalissery PO,Palakkad,Kerala-679536,INDIA	Home Phone	+91-466-2256162

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.