

## Rakesh Vaddadi

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### Educational Qualifications:

Year	Degree/Certificate	Institution	Marks Obtained
2014	B.E.(Hons.) Computer Science	BITS Pilani, Goa Campus	6.94/10
2010	Board of Intermediate Education Andhra Pradesh	Narayana Junior College, Visakhapatnam	97.7%
2008	State Secondary School Certificate	Bhashyam Public School, Vizianagaram	95.33%

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### Academic Projects

#### HR Training Management System at SCCL , May 2012 – July 2012

An Employee/Trainee database management system which includes allotment of Projects , Accommodation among 11 Sub Divisions of 9 Centres each., Under Syed Ershad Ahmed.

#### Study of Scheduling Algorithms in Linux [2.6.4 -3.5] , August 2012 – December 2012

A detailed study of various Scheduling Algorithms in Linux Kernel from version 2.6.4 – 3.5, Under Dr.Biju K.R

#### Smart Lighting Systems for Auditorium - March 2012

An Energy efficient lighting system design using various micro processors, interrupt handlers. Under Dr.K.Anupama

#### Fest Registration and Accommodation Management Software [FRAMS] - August 2012,

Designed for the easier maintenance of participant's fest and event registrations . Under Aruna.G

#### Energy Efficient and Reduced Cache Hot Load Balancing in Symmetric Multi-Processing Systems , January 2013 – April 2013

Improvisation of Load Balancing in SMP systems for the latest Kernel version[3.8.2] and with Quick Path Architecture, Under Dr.Biju K.Raveendran

#### Console Based Chat Application - March 2013

A simple client-server chat system using socket programming , Under V.Sreejith

#### Book Bank Management System , May 2013 – June 2013

Centralized Library Book Issues, Renewals ,Books addition into database, Student Database corresponding to books on his Name/ID.

#### Design and Development of MATRIX[A Tangoe Product] , June 2013 – Dec 2013

Matrix is an on-demand suite of software designed to manage and optimize the complex processes and expenses associated with the lifecycle for both fixed and mobile communications assets and services., I worked on UI development and SEO[Search Engine Optimization]. Under Aravinda Ramakrishnan , R&D Head, Tangoe India Softek Pvt. Ltd Bangalore

## **Computer Center Services and UI Design and Development, Jan 2014 - Present**

Designing a new UI look and feel, Enhancing and adding functionality and services of Computer Center website of BITS-Goa , <http://cc.goa.bit-pilani.ac.in> , working as Team Lead for this project with 6 designers and developers together.

## **Non-Academic Projects**

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### **Spiritual Intelligence Effect on Research Study**

May 2013 – June 2013

As a Part time research Assistant under ICSSR[A Central Govt. Funded Project], to derive Spiritual Quotient[SQ] by the study of Spiritual Intelligence's effect on research study of elite university professors. Under Shalini Upadhyay

## **Technical Skills**

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- **Programming Languages:** C,Java, C#
- **Web Designing:** HTML5,CSS3, SASS, BootStrapping, Compass, ASP.net,Jsp
- **Scripting Languages :** JavaScript, Jquery UI, PHP, Shell
- **HDL :** Verilog, MASM
- **Databases:** MySQL
- **Operating Systems:** Windows, Linux
- **Tools:** Visual Studio2010,Eclipse IDE, DreamWeaver, MatLab, Photoshop,MS-Office

## **Relevant Course Work**

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|-------------------------------------|---|
| - C and Data structures             | - Object oriented programming and design (Java) |
| - Operating systems                 | - Data structures and algorithms                |
| - Database systems and applications | - Computer networks                             |
| - Advanced Computer organization    | - Programming Languages and Compiler Design     |
| - Theory of Computation             | - Digital Electronics and Computer Organization |
| - Micro Processors                  |   |

## **WorkShops Attended**

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- Cloud Computing - Jan,2011 to March 2011
- NetTech - Sept,2011 to Nov 2011
- IISc Summer School –June 2013

## **Elective Courses**

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|----------------------------------|---|
| - Effective Public Speaking      | - Supply Chain Management                         |
| - Chemistry Project Lab          | - SOP (Study Oriented Project)                    |
| - Bhagawad Geetha                | - Artificial Intelligence*                        |
| - COP(Computer Oriented Project) | - Cross Cultural Engineering Innovations (iPodia) |

## **Achievements/ Positions Held**

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- Recipient of 60+ Certificates in Debates/Elocutions/Speeches with 94% first positions. ,2000 - 2012
- Secured 2<sup>nd</sup> Rank in A.I.M.E.D.[All India Maths Olympiad] – 2006
- Secured Best Student Award – 2007 at the District Level
- Felicitated for Excellence in Academics and Elocutions – 2007 by Lions Club - Vizianagaram

- Secured District 1<sup>st</sup> position in Xth Class– 2008, District 3<sup>rd</sup> in XII Class - 2010
- Stood among the top 0.5% in AIEEE – 2010, 0.1% in EAMCET – 2010, 0.1% in VITET – 2010
- Continuous recipient of MCN Scholarship through BITS Pilani for SEVEN Semesters , 2010 - 2013
- Maths Teaching Head – Nirmaan Goa Chapter, 2010-2011
- Secretary for Department of Computer Science ,BITS Pilani -Goa, 2011-2012
- Member , Volleyball Coordinating Team ,BITS Pilani -Goa, 2011 – 2012
- First Best Debater in Effective Public Speaking – BITS Pilani ,Goa , 2012-2013
- Coordinator of WAVES[Annual Cultural Fest, BITS-Pilani,Goa]for Dept.of Surveillance and Registration, 2012-2013
- Selected and Recommended in Officer's Selection by SSB for Army Technical Entry [UES]
- Founder and Faculty of Let Us C@Bits[C and DSA Programming classes on Campus], 2012-2013
- Co-Founder of topEZ Educational Private Ltd., [www.topez.in](http://www.topez.in)