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%

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.UnderDr.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 – April 2014

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

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

Spiritual Intelligence Effect on IT Professionals

Jan 2014 – April 2014

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 performance of IT professionals. Under Dr.Shalini Upadhyay

Technical Skills

- **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

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

WorkShops Attended

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

Elective Courses

- Effective Public Speaking
- Chemistry Project Lab
- Bhagawad Geetha
- Supply Chain Management
- SOP (Study Oriented Project)
- Artificial Intelligence*

- COP(Computer Oriented Project)   - Cross Cultural Engineering Innovations (iPodia)

Achievements/ Positions Held

- Recipient of 60+ Certificates in Debates/Elocutions/Speeches with 94% first positions. ,2000 - 2012
- Secured 2nd 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 1st position in Xth Class– 2008, District 3rd 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 Semisters , 2010 - 2013
- Mathematics 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
- Professional Assistant for Computer programming course in BITS Pilani ,Goa
- Co-Founder of topEZ Educational Private Ltd., www.topez.in