

## Sandhya Sankaranarayanan

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Date of Birth: 02 April 1992

Computer Science Engineer

Currently working at Thorogood Associates as Business Intelligence Consultant

**AREAS OF INTEREST:** Cloud Computing, Big Data, Data Centre Networking, Databases

**PROGRAMMING LANGUAGES:** C, C++, C#, Java, SQL, Perl, PHP, JavaScript, Objective C, Visual Basic, Windows PowerShell, UNIX Shell

### EDUCATIONAL QUALIFICATIONS.....

**College:** M S Ramaiah Institute of Technology, Bangalore, Karnataka, India

**Degree:** Bachelor of Engineering, Computer Science and Engineering, Batch of 2014

**GPA:** 9.55/10

**Schooling:** National Public School, Indiranagar, Bangalore, Karnataka, India

Grade 10 CBSE Results: 96.2%

Grade 12 CBSE Results: 95.4%

### WORK EXPERIENCE.....

#### ***Thorogood Associates / (Aug2014 – Present)***

Currently involved in 2 projects: A finance tool for a large FMCG, and a sales tool for an international product manufacturer. Responsibilities include development, testing and support of these systems.

Technology: Microsoft SharePoint, Microsoft SQL (SSMS), Integration Services (SSIS), Analysis Services (SSAS), Reporting Services (SSRS), C#, Excel VBA, Windows Powershell

### PRACTICAL EXPERIENCE.....

#### ***Cloud-based Safety Application / (May-June 2014)***

Designed a safety application that enables users to check into their current locations, update these details on Cloud and make them available to specific contacts. A text message with the address can also be sent to any contact of choice. Contacts within customizable ranges can be located and reached out to for safety as well as social purposes.

Technology: Jelastic Cloud, MySQL, Location-Based Services, Java.

#### ***Internship at Thorogood Associates / (Jan-June 2014)***

Developed a Sales Tracking System from scratch that uses sales information to analyse sales dynamics, seasonal trends, forecast accuracy and profit margins. Also contributed to the development of a Finance Tool for an FMCG.

Technology: Microsoft BI stack (SQL Server, SSIS – Integration Services, SSAS - Analysis Services, SSRS – Reporting Services).

### ***Online Test Portal / (April-May 2013)***

Designed a platform on which professors upload tests for students to take. At the end of the test, students are provided with scores, solutions, feedback, strengths & weaknesses and their performance during the course. In addition, reminders and details of upcoming tests are mailed. Security features included to prevent unethical test-taking practices. Further improvements include performance analysis reports and a back-end database that is designed better than the previous model.

Technology: PHP, Perl, JavaScript, MySQL.

### ***Library Management System / (April-May 2012)***

This platform was designed to simplify library management with the help of an easy-to-use tool with all relevant information available at one location. The system records transactions, timelines and provides suggestions on books to borrow based on interest.

Technology: Servlets, JAVA, Oracle 10g

### ***3Quad Innovation Labs / (July-August 2012)***

Developed a functioning prototype for MuZicBin, as iOS application. Successfully built an efficient MVC model and implemented concepts such as asynchronous loading, multi-threading, video playback and XML DOM parsing.

Technology: Objective-C on X-Code

## **PUBLICATIONS.....**

Published a paper on “Chaotic Time Series Prediction for Rock-Paper-Scissors using Adaptive Social Behaviour Optimization (ASBO)” in the July 2013 edition of the International Journal of Computer Applications.

<http://www.ijcaonline.org/archives/volume74/number11/12931-9878>

## **CERTIFICATIONS.....**

- IBM – Rational Application Developer
- Cognizant Technology Solutions – IT Foundation Skills

## **ACHIEVEMENTS.....**

- Received the ‘Best in Academics’ award in Undergraduate Program
- Member of the exclusive TEDxMSRIT group in college, organized and managed different aspects of the event
- Was awarded Certificate of Excellence and gold medal from Larsen and Toubro Limited for Grade X and XII examination performances
- Was awarded Merit Scholarship from Hindustan Aeronautics Limited for exemplary performance in Grade XII examination
- Represented school in sports, including throwball, basketball and football and won awards for the same. Was Captain of throwball and basketball team for two years.
- Won awards for theatre and art in school and college.
- Was elected as House Vice Captain by peers and teachers in Grade 11
- Selected by Infosys Ltd to participate in their ‘Catch Them Young’ Program, during Apr-May 2007 based on programming acumen.