

**RAMYA SWAETHA S**

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**Career Objective**

Work for an organization which provides me the opportunity to improve my skills and knowledge to growth along with the organization objective.

**Education**

- M.Tech in Software Engineering from Gokaraju Rangaraju Institute of Engineering & Technology, Autonomous University in 2013 with an aggregate of 69.57%.
- B.Tech in Computer Science Engineering from SVVSN Engineering college, Acharya Nagarjuna University in 2011 with an aggregate of 70.13%.
- 12<sup>th</sup> from Sri Chaitanya Junior College (Board of Intermediate Education), in 2007 with an aggregate of 73.4%.
- 10<sup>th</sup> from Board of Secondary Education, Bhashyam Public School in 2002 with an aggregate of 69.83%.

**Skill set**

Programming Languages	MySQL(Basic), Angular JS (Basic), Python(Basic), HTML, CSS, Java Script (Basic)
Operating Systems	Linux, Windows
Tools	JIRA, GitHub, Eclipse, UML – Gliffy

**Projects**

Project Internship (Tata Consultancy Services/TCS)			
S. No.	Project Name	Team Size	Duration
1.	Internal Dashboard	2	Feb 2013 to June 2013
Academic Projects			
S. No.	Project Name	Course	
2.	Text Cryptography and Cellular Automata	M.Tech	
3.	Web Server To Client Communication For Web Usage Data Analysis.	B.Tech	

**Project – Internal Dashboard****Course: Project Internship**

An Internal Dashboard is an information management tool that has various workflows to automate and make the manual processes online which saves lot of time and formalizes various internal processes in TCS. The dashboard mainly focuses on the variety of information to be available at once place for the team. It includes information related to various areas like Inventory Management, Leave Management, Project Schedules and Deadlines, Metrics information and News across the organization. It also includes links to various resources and Trainings. It has profile management for various grades of employees like Manager, Developers, Testers etc. and the dashboard is available as per the role of the user. Email Notifications are also included for various actions. It is completely developed in Java and SQL in backend and HTML, CSS, Java Script for the front end.

**Project – Text Cryptography and Cellular Automata****Course: M.Tech**

Today there is no need for describing the increasing needs in terms of security. The emergence of ad-hoc and ubiquitous networking requires new generations of lightweight security solutions. Cryptography techniques are essential component of any secure communication. Two main cryptography systems are used today: secret and public-key systems. One of such promising cryptography techniques consists of applying cellular automata (CAs). The project is developed in Java and SQL in backend and HTML, CSS, Java Script for the front end.

**Project – Web Server To Client Communication For Web Usage Data Analysis.****Course: B.Tech**

We usually come across fields where web data proves very important for business as well as security analysis. Ecommerce as well as website usage data is of prime importance these days. This project puts forward a system that allows a web server to record web data analytics of web usage patterns of various web links. The system is configured to record web

page clicks, score computed as per a search engine ranking algorithm as well as other parameters associated with the each web page. The server has an inbuilt configuration logic required to scan live web pages similar to crawlers and then record/store that data for later processing. Since the data may be large and huge computational strength is required to store process this data. This computation may lead to overburdening on the server thus hindering its further indexing performance. Thus the client application communicates with web server to receive this data and allows for processing and manipulation based on this recorded web service data. These robust systems allows to scan and record live web page analytics data as well as process it by communicating this data to another robust application so that we may avoid the server getting processing load. The project is developed in Java and SQL in backend and HTML, CSS, Java Script for the front end.

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### **Achievements**

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- Published and presented the paper entitled - “Text Cryptography by using Cellular Automata” at 2<sup>nd</sup> International Conference on ‘Advanced computing methodologies -2013’ at GRIET, Hyderabad in 2013.

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### **Extra-Curricular Activities**

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- Active Participation in workshop on “NETWORK ADMINISTRATION” at GRIET, Hyderabad in Nov 2012.
- Active Participation in workshop on “TOTAL QUALITY MANAGEMENT” at GRIET, Hyderabad in Dec 2012.

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### **Personal Skills**

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- Ability to work individually or in a team environment.
- Ability to work meticulously with careful attention to details.
- Excellent personal interactive and communication skills.

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### **Personal Details**

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- Date of Birth : 03-Dec-1990
- Languages Known : English, Telugu
- Address : 201, Raghavendra residency, Rajiv Gandhinagar, Bachupally, Hyderabad – 500090.
- Preferred Location : Hyderabad.