KAVITHA.S

#65, 4TH CROSS, KODANDARAMAPURA, MALLESHWARAM

BENGALURU-560003

Mobile: +91- 8553102028, **E-mail:** kavi.2626@gmail.com

Professional Objective: To Associate Myself With A Leading Organization And Contribute Towards Its Growth To The Best Of My Experience And Abilities.

Education:

2012-2016 **Rajiv Gandhi Institute of Technology**, Bangalore, India.
Bachelor of Engineering (B.E) in Information Science, **65.98%.**

2010-2012 **Maharani Laxmi Ammani College for women**, Bangalore, India.
Pre-University Course, 57.76%

2000-2010 **Stella Maris School**, Bangalore, and Karnataka
Secondary School, 82.53%.

Computer Proficiency:

Languages	SQL, HTML, C, C++, Java
Database	Oracle 8, MySql
Operating Systems	Fedora, Windows 8, Windows 10
Software tools	Visual Basic
Other Skills	Computer Networks, Data Structures, File Structures

Academic Project Details:

Project Title	REAL: K-Anonymity Technique for Location Privacy In Wireless Sensor Networks
Team size	3
Software used	JDK7.0, MySQL5.5 database, Heidi SQL editor, Eclipse
Description	K-anonymity has been used to protect location privacy for location monitoring services in wireless sensor networks (WSNs), where sensor nodes work together to report k anonymized aggregate locations to a server. In REAL, sensor nodes are required to autonomously organize their sensing areas into a set of non-overlapping and highly accurate k-anonymized aggregate locations. To confront the three key challenges in REAL, namely, self-organization, reciprocity property and high accuracy, we design a state transition process, a locking mechanism and a time delay mechanism, respectively. The results show that REAL protects location privacy, provides more accurate query answers, and reduces communication and computational costs.

Project Title	Improvising DoS Attack Detection Using Multivariate Correlation Analysis (MCA).
Team size	2
Software used	JDK7.0, MySQL5.5 database, Heidi SQL editor
Description	Interconnected systems, such as Web servers, database servers, cloud computing servers etc, are now under threads from network attackers. As one of most common and aggressive means, Denial-of-Service (DoS) attacks cause serious impact on these computing systems. A DoS attack detection system is proposed that uses Multivariate Correlation Analysis (MCA) for accurate network traffic characterization by extracting the geometrical correlations between network traffic features. MCA-based DoS attack detection system employs the principle of anomaly-based detection in attack recognition. This makes the proposed solution capable of detecting known and unknown DoS attacks effectively by learning the patterns of legitimate network traffic only. Furthermore, a triangle-area-based technique is proposed to enhance and to speed up the process of MCA**.**

Trainings Undergone:

- 2 months training (July 2016- September 2016) on Software Engineering, Java, MySql, Html, Javascript, CSS,Ajax, Jsp and Servlets in Datascribe Infotech pvt ltd.
- Attended a workshop on Internet Of Things(IOT).

Strengths:

- Excellent oral communication and technical Documentation skills.
- Self-confidence, Positive attitude, Friendly nature.
- Quick adaptability to varying environments.
- Able to work under pressure of deadlines.
- Positive approach in getting the jobs done.
- Good at trouble shooting.
- Willingness to learn.

Extra-Curricular Activities:

- Photo Documentation.
- Aerobics, Chess.
- Reading Books.

Personal Profile:

Name	KAVITHA.S
Sex	FEMALE
Date of Birth	25-01-1994
Nationality	INDIAN
Languages Known	English, Hindi and Kannada

Declaration:

I hereby declare that the above furnished information is correct and I am responsible for its accuracy.

Yours Faithfully, Place :

Kavitha S Date :