

## RESHMA RAJ

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### Career Objective

To be a self motivated, innovative, dynamic and responsible team member for a company poised for growth that gives me the scope to enhance my knowledge and improve my skills in order to cope with the latest technology and to deliver the best to the organization

### Qualification Highlights

- Published paper titled, " Keypoint Extraction Using SURF Algorithm For CMFD ", Elsevier Journal Procedia Computer Science 93 ( 2016 ) 375 – 381
- Published " Copy Move Forgery Detection ", in Research Symposium on Intelligent Information Systems & Network , 12/01/ 2016
- Published " A Survey on Communication for Smartphones ", in IJMTER 2014

### Academic Details

COURSES	INSTITUTION	AGGREGATE	YEAR
M Tech ( Computer Science and Engineering)	Amal Jyothi College of Engineering (M.G)	8.15(CGPA)	2014-2016
B Tech ( Information Technology)	M.G College of Engineering (CUSAT)	74.32 %	2010-2014
Class XII	BVB,(CBSE)	71 %	2010
Class X	Sarvodaya Central Vidyalaya,(CBSE)	83 %	2008

### Skills

**Programming Languages :** Java, J2EE, Javascript, XML, PHP, JSP, CSS, HTML, C, C++

**IDE :** Eclipse, NetBeans

**Database :** SQL, SQLite, MySQL

**Tools :** Matlab, NS2, LaTeX, Rational Rose, Star UML,MS Office & Libre Office, Gimp

**Area of interest :** Image Processing, image forensics and security

### Projects

Title : Segmentation And Contrast Based Image Forgery Detection  
Position : Developer  
Responsibilities : A software that could easily identify the copy move and contrast enhanced forged areas in an image which are developed using many digital manipulations.  
Tools : Matlab

Title	: Keypoint Extraction Using SURF Algorithm for CMFD
Position	: Developer
Responsibilities	: A system that automatically finds the area which are copied and pasted in the same image which may be used for manipulations.
Tools	: Matlab

  

Title	: Tercora
Position	: Developer
Responsibilities	: To securely introduce an effective third party auditor (TPA) in cloud computing.
Tools	: Java, JSP

  

Title	: Multipurpose Interactive Mobile Security
Position	: Developer
Responsibilities	: Developed an application that can be implemented in android phones for the security purpose like tracking of other android phones, security alerts etc.
Tools	: Java,PHP,SQL

  

Title	: LGI Monitoring System
Position	: Developer
Responsibilities	: Developed a project which provides a monitoring system for checking authentication of loans, grand-in-aids and investments for banks.
Tools	: VC#.NET,SQL Lite

## **Trainings Undergone**

- Have undergone generic training and technical training in the following technologies:
  - HTML, CSS
  - C and C++ Programming
  - Java Programming
  - Fundamentals of J2EE
  - LaTeX
  - Matlab

## **Personal Profile**

Sex	:	Female
Languages Known	:	English, Malayalam
Contact No	:	9567055187 , 7025638858

## **Declaration**

It is my profound conviction that I am capable to work in your esteemed organization with a leading team of technocrats with utmost sincerity and dedication, to the best of your satisfaction. I hereby declare that the information furnished above is true to the best of my knowledge.

**Reshma Raj**