# Kavyashree G

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## CAREER OBJECTIVE:

To work for an organization that provides the opportunity to improve skills and knowledge to grow along with the organization objective.

## SUMMARY:

- Currently working in Thought Focus as a Process analyst, Mysuru
- 6 months of experience in PCB designing at AT&S, Nanjangudu.
- Results-oriented team player and possesses solid interpersonal & communication skills.
- Excellent organizational and interpersonal skills with a strong facility for acquiring new knowledge very rapidly.

## Technical Skills:

| Programming Languages | Java, Java Script, Oracle (data base), HTML, MATLab, Basics C |
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| Operating System | Windows XP, 7, 8 |

## Area of Interest:

- Digital Signal Processing, Image Processing, Biomedical Signal Processing, Logic Design, PCB designing, MRI Image Processing.

## CAREER HIGHLIGHTS:

### Project 1: COMPARATIVE STUDY OF REGION BASED SEGMENTATION ALGORITHM ON BRAIN MRI IMAGES

**Role:** Programmer
**Project Description:**

- The purpose of this project was to find the best segmentation algorithm to detect the brain tumor.

  **Tools Utilized** : Matlab

**Roles and Responsibilities**:
- Understanding concept of MRI Images and collecting the T1 serious brain mri images.
- Performing filtering operation using median filter.
- Computing Region based segmentation algorithm on images.
- Coding using algorithms such as Fuzzy C-Means (FCM), K Means, Expectation Maximization (EM), Spatial Constraint Fuzzy C Means (SCFCM), Markov Random Fields (MRF), Pulse Coupled Neural Network (PCNN), and Support Vector Machine (SVM).
- Task is to find the best algorithm among them.

## Project 2: ECG FEATURE EXACTION

**Role:** Programmer

**Project Description:**

- The purpose of this project was to implemented for feature extraction selects affective features to distinguish each arrhythmia properly.

**Tools Utilized** **:** Matlab

**Roles and Responsibilities**:

- ECG signal Database
- Pre-Processing
- Feature Extraction using Basic algorithm
- Classification of Extracted Feature and show performance SVM has best result

## ACADEMICS:

| COURSE | SCHOOL/COLLEGE | YEAR | PERCENTAGE |
|---|---|---|---|
| MTECH (Signal Processing) | Vidyavardhaka College of Engineering, Mysuru, Karnataka | 2016 | 74.04% |
| B.E (IT) | Sri Jayachamarajendra College of Engineering, Mysuru, Karnataka | 2014 | 7.63(CGPA) |

**I hereby affirm that the information furnished by me is true and correct.**

**Kavyashree G**