RESUME

**REKHA K S** Mail ID: rekhasridharks@gmail.com

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**Career Objective:**

To serve an organization holding responsible position with an unrestrained vertical growth, ensuring credible performance that leads the reputation on to a high pedestal.

**Professional Summary:**

* 1 year experience in Meter testing
* Ensure accurate testing of energy meters, current transformers as per statutory provisions.
* To test and validate energy meter/panel meter
* Energy meter component testing and repairing
* Inventory Management of energy meters.
* Prepare specifications for and procurement of meters, current-transformers, security seals, (plastic and paper seals) etc.
* Basic knowledge of electronic circuits.
* Testing of Single phase and Three phase Energy meter
* GoodKnowledge of **Energy Audit for DTC**
* Ability to write **Single Line Diagram of HT &LT**
* Knowledge of Voltage regulation calculation
* Knowledge of **Estimation of LT**
* Good understanding of **RDBMS** concepts.
* Exposure to constraints (PK,FK,UNQ,CHECK) and **NORMALIZATION**
* Ability to write queries using **joins,subquesries,grouping** etc
* Proficiency in **Software Testing.**
* Knowledge of **VB scripting**
* Good Communication skills.
* Diagnostic Ability - Ability to go to the core of the problem
* Motivating, Goal-oriented, Hard Working and Quick Learner.

**Qualifications:**

* B.E [E.C.E]: From DON BOSCO institute of Technology, Bangalore,Karnataka in the year of 2012 with **66.86%.**
* INTERMEDIATE:From Channambika pu college,Karnataka Pre-University Board,

in 2008 with **54.16%.**

* S.S.C.:From St.Anne’s girls high school, in 2006 with **78.72%.**

**Professional Experience:**

JUNE 2014 TO JUNE 2015 :Worked as a Trainee in Bescom Bangalore.

**Technical Skills:**

* **Programming languages** : C,SQL
* **Operating Systems :** Worked on Windows XP, Windows Vista,

and Windows 7.

* **Tools Used** : MATLAB, PSPICE ,Turbo C+, MASM, Kiel,

Xilinx, vhdl

* **Hardware programming** : Knowledge in Digital Circuit Design, VLSI,
* **Assembly language : 8051,8086**

**Trainings Undergone:**

Title : Software testing (SQL,Manualand QTP)

Location : Bangalore

Organised by: Qspiders

Duration : 4 Months

**PROJECT:**

**1. Project Name : FPGA IMPLEMENTION MULTIWAVELET ARCHITECTURE FOR IMAGE COMPRESSTION**

**Organization:** **M.S.RAMAIAH SCHOOL OF ADVANCED STUDIES**

**Discription:**

The existing image coding standards generally degrades at low bit-rates because of the underlying block based Discrete Cosine Transform scheme. Over the past decade, the success of wavelets in solving many different problems has contributed to its unprecedented popularity. Due to implementation constraints scalar wavelets do not posses all the properties such as orthogonality, short support, linear phase symmetry, and a high order of approximation through vanishing moments simultaneously, which are very much essential for signal processing.

New class of wavelets called ‘Multiwavelets’ which posses more than one scaling function overcomes this problem. This paper presents a new image coding scheme based on non linear approximation of multiwavelet. The performance of the proposed scheme is compared with the results obtained from scalar wavelets.

Roles & Responsibilities :Implementation of Multiwavelet

Tools : MATLAB

Duration : 2011-12

Team : 3

**2. Project Name : SOLAR PANEL CONTROLLER AND POWER OPTIMIZATION**

**Organization:** **VIJAY TECHNOLOGY**

**Duration: July 1 2011-July 15 2011**

**Discription:**

Main motivation of this project is to design a wireless based solar powered robotic system in order to optimize the power by improving the utilization of solar power. A new idea has been presented for wireless solar powered mobile robotic system which consists of two parts, first is the solar powered mechanical robot and the second is zigbee wireless based control section which controls and moves the first part. By this system various mobility control has been performed and proved the ability to control the group of robots by controlling the group of activities to be done in the availability of solar power.

**3. Mini Project on GMAIL at Q SPIDER:** FUNCTIONAL AND INTEGRATION testing on GMAIL

**4- THREE PHASE ENERGY METER**

**Description**: This meter is used to calculate three phase energy consumption.

**Function**-Measure,3phVoltage,Current,Frequency,PowerFactor ,Active,Reactive(lead,lag),Apparent Energy and Power

**Role** – & Testing

**5- SINGLE PHASE ENERGY METER**

**Description**: This meter is used to calculate Single phase energy consumption

**Function**- Measure Voltage,Current, Power Factor ,Active, Apparent Energy and Power.

**Role** – Testing

**Achievements:**

* Volunteered many of the Events in College and Departmental Activities
* Participated in athletes at **vtu sports.**
* Participated in athletes and won prizes in sports competitions in state level at school.
* Participated in **National chinthana sience exam** and won the prize at school
* Participated in **All india general knowledge examination** and won the prize at school
* Participated in various quiz and debate competitions held at school level.
* Active team leader.

**Soft Skills:**

**Strengths**: Belief in Teamwork, Ability to gel with people easily and Punctual.

Hobbies:

* Playing Bal badminton, sketching
* Have a great passion for listening to music
* Reading Books and Magazines

**Personal Profile:**

**Name** : **REKHA.K.S**

**Date of birth** : 15 nov-1990

**Contact address** :Chamarajpet, Bangalore

**Sex** : Female.

**Nationality** : Indian

**Marital Status** : Married

**Languages Known** : English, Hindi , Kannada.

**Reference & Other details** : Will be provided upon request

**Declaration:**I do hereby declare the above furnished information is true and fair to the best of my knowledge

**PLACE** : Banglore REKHA K S