

**AFREEN MUJAWAR**  
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## **OBJECTIVE:**

To work in a creative environment involving constant exchange of ideas, and thus contributing to the objectives of the organization through acquired knowledge, sincerity and hard work, and at the same time improving my skill sets to meet the requirements of the future.

## **EDUCATIONAL QUALIFICATIONS:**

<b>Examination</b>	<b>Board/University</b>	<b>Year</b>	<b>Percentage</b>
<b>M.Tech Computer Science</b>	<b>Jain University, Bangalore</b>	<b>2013-2015</b>	<b>78.78</b>
<b>B.E in Computer Science</b>	<b>Vishweshwaraya Technological University Belgaum.</b>	<b>2006-10</b>	<b>65</b>
<b>P.U.C</b>	<b>Dept. of Pre- University Education</b>	<b>2006</b>	<b>62</b>
<b>S. S. L. C</b>	<b>Karnataka Secondary Examination Board</b>	<b>2004</b>	<b>80.80</b>

### **At present:**

1. Cleared VTU ETR on November 30, 2022.
2. Guiding final and prefinal year projects.
3. Attended for 5-days FDP-SI UHV Online-“AICTE Incorporating Universal Human Values in Education(An AICTE Initiative)” from 24<sup>th</sup> Oct to 29<sup>th</sup> Oct 2022.
4. Attended FDP from 7<sup>th</sup> Nov to 18<sup>th</sup> Nov 2022 on “Quality Teaching and Strategies in HEI’s”.
4. Representing as a Coordinator for Women’s Club from CSE department.
5. Representing as an Admission coordinator, PG coordinator and Research coordinator for CSE department.

## EXPERIENCE:

1. Worked as Software Engineer with **SASEDEVE CONSULTING LLP** in 2018. And my responsibility includes building responsive, accessible, dynamic web pages.  
Developed front end with HTML, CSS, Bootstrap.  
Actively engaged in web creative design and development activity.  
Monitored, created and populated QA sheets with project manager.
2. Worked as lecturer in **SECAB INSTITUTE OF ENGINEERING & TECHNOLOGY, BIJAPUR** for 2 years (2011). And my responsibility covered as a student counselor and events manager in Computer Science department

**Subjects Taught :** C/C++, Data Structures, Software engineering, OOMD, Computer Graphics and ADA.

## Award

Jain University Rank holder with "Third Rank" Distinction in PG in the year 2015.

## Soft key skills

**Languages :** C, C++, HTML, CSS, Java Script, jQuery, MySQL

**Concept:** DBMS, Web Programming, OS, Computer Graphics, Computer Networks.

**Operating system :** Windows, Linux

## TRAINING AND CERTIFICATION:

**Training perceived in Web Technologies** from June 2017 to Dec 2017 at Bangalore.

Web development  
HTML  
CSS  
Java script  
PHP

**Training perceived in Advanced Diploma in Software Testing Course** from Dec 2012 to Feb 2013 at **ISM Technologies** Bangalore.

### ➤ **Manual Testing Skills:**

- Proficiency in **Software Testing**.
- Good knowledge of **SDLC and STLC**.
- Sound knowledge in **Smoke, Functional, Integration, System Testing**.

- Knowledge of **Writing, Execution and Reviewing of Test case.**
- Good Knowledge of **white box testing and Black box testing-Smoke, Adhoc, Functional, Integration, System, Performance, Compatibility, Usability, Accessibility, Recovery testing.**
- Knowledge of **Test plan contents and its importance in the project**
- Very Good understanding of **Software Development Life Cycle** like waterfall and Agile Methodology (SCRUM framework)
- Very Good understanding of **Software Testing Life Cycle (STLC)**
- Knowledge about **Performance Testing (Load Testing, Volume Testing, Soak Testing), Alpha and Beta Testing, Recovery Testing, Reliability Testing.**

#### **SEMINAR AND CONFERENCES:**

Participated in **CSECONF2014**-“3<sup>rd</sup> National Conference on current trends in Computer Science and Engineering” conducted by School of Engineering and Technology Jain University Bangalore held on 14-june-2014.

#### **PUBLICATION:**

“**An Efficient QoS Routing Approaches in WSN: A Survey**” at International Journal of Emerging Technology in Computer Science and Electronic (IJETCSE) ISSN: 0976-1353 Volume14 Issue 2 April 2015.

#### **PROJECT DETAILS:**

### **1. Project Title:**

“**An Efficient Multicast QoS Approach for Localised Clustered based Wireless Sensor Networks**”.

Wireless Sensor Network (WSN) has provided the availability of small, low-cost sensor nodes that has a limited transmission range, processing, storage capabilities and energy resources with capability of sensing various applications. An Efficient Multicast QoS Approach for Localised Clustered based Wireless Sensor Networks. Proposed approach work in 2 phases 1. Cluster formation 2. Determine shortest path using Dijkstra algorithm. Study has been conducted on single and multiple destinations involving 1/2/3 cluster for QoS parameter delay, energy and packet delivery.

## **Quality of Service (QoS) Support in WSN**

QoS aims to provide better networking service. The main three parameters for QoS are latency (delay), jitter and loss. And other QoS parameters include reliability, responsiveness, mobility, power efficiency, network availability and bandwidth.

The main focuses of maximum QoS aware routing with the two perspectives based on the requirement:

**Application Specific QoS:** Parameters are data accuracy, aggregation delay, fault tolerance, coverage, and optimum number of active sensors and so on.

**Network QoS:** The network is concerned with how to transmit the sensed data from the sensor field to sink node fulfilling the required QoS.

## **2. Project Title:**

### **“ISM Certifications”**

**Tool Used** :QC,QTP

**Team Size** :2

#### **Description:**

Ism Certification is a learning project, which is used for the certification of different courses like Software Testing, JAVA, Net & Embedded through online. To Gain the benefit from this project user must register through this site & select the certification which he/she wants by selecting the centre& date on which he/she wants. To select the centre by the user, centre should also be getting registered. If any person wants to take the test questions are very essential this operation will be done by the author & approver who will add the questions & approve it respectively. Hence the maintaining part of all this activities has to be done by a master mind i.e. the admin user. For all this activities separate login pages are created. The main advantage of this project is the result generation, which will be happen immediately once the user click on submit test or time for the test will get over.

#### **Roles and Responsibilities:**

Understanding the Business Requirement

Based on requirements writing test cases for functional, regression testing and re-testing

Writing automation test scripts for performing Automation Testing

Writing SQL queries to verify the database tables for the data inserted from the GUI

Responsible for weekly status updates showing the progress of the testing effort and open issues to be resolved

### 3. Project Title:

## “Image Editor Using Java”

**Duration:**4 months

**Team size:** 4 members

Image Editor is an image processing program; it can display, edit, analyze, process, save and print 8-bit, 16-bit and 32-bit images. It will be able to read many image formats including TIFF, GIF, JPEG, BMP, DICOM, FITS and "raw". It will supports "stacks", a series of images that share a single window.

Features such as: Multiple image layers, Brushes: paint, clone, erase etc. Blending modes - add, screen, darken etc. Transformations: scale, rotate, shear, perspective Lots of effects and image-processing operations Reads and writes multiple image formats and Extensible via a plug-in mechanism.

#### REFERENCES:

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Mr. Rafiqsab Jamadar, Manager at Oppo India Mobile Hyderabad.

Prof. Pushpa Head of CSE DEPT SET Jain University, Bangalore.

Mr. Mohamed Umair Bagali Assistant Professor SET Jain University

#### DECLARATION:

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I hereby declare that the details furnished by me are true to the best of my knowledge.

**Date:** 09-12-2022

**Place:** Vijayapura

**Afreen Mujawar**