

# Utkarsha Mahajan

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## **OBJECTIVE:**

Attain the position of Software Developer to implement my software development skills using new and improved technological tools and techniques for the development of the organization.

## **EXPERIENCE:**

### **Prajapita Brahma Kumaris Ishwariya Vishwa Vidyalaya, Mount Abu Project**

**Project:-** ConnectOne Web Application Development- Database Developer

- Designed database, tables and views structure for the application.
- Coordinated with the management to discuss business needs and designed database solutions.
- Efficient use of Joins and sub-queries in queries that retrieve data from multiple tables.
- Created logical and physical database design, data structures, primary key, foreign key and implemented large databases
- Maintained the database using Procedures, Functions, Cursors and Triggers
- Designed E-R model for the application and drew E-R diagrams using Visio
- Knowledge of Functional testing and test cases.
- Developed 2-3 applications using Java Swing and JDBC.
- Implemented File Handling for reading and copying file and copying content of files.
- Implemented Exception Handling and Garbage collection in many of the applications.
- Implemented multithreading in various application of project.
- Implemented many triggers to track the changes done by users for multiple Records.
- Implemented indexes on various tables to speed up the Data Retrieval which reduces the application load time and enhanced the performance of applications.
- Worked on various code and SQL query optimization to reduce the time taken by applications to load and execute, up to 60%.

**Company Name:- Upcron Systems Pvt. Ltd. - Jr. Database Administrator**

**Project:-** Real Estate Site Development

**Responsibility:-**

- Delay Access RETS Connector Data.
- Fetching MLS data in RETS and create MLS database.
- Create MLS Database Mapping and query.
- Solve database Problems.
- Delay Run SQL Server Database Jobs

## **EDUCATIONAL QUALIFICATIONS:**

**2013 – 2016**      **North Maharashtra University**

BE(Information Technology) with CGPA (8.09)

## **TECHNICAL SKILLS:**

**Operating Systems:**            Windows, Linux.

**Programming Languages:** Java, HTML5, SQL, MySQL, C and C++.

**Tools:**                            MS SQL, MySQL 8.0, Net Beans, Java  
Development Kit.

**Databases:**                    SQL Server, MySQL.

**Others:**                         3-Tier Architecture

## **PROJECTS:**

- **Title:-IoT: Home Automation**

**Description:-**This System can be helpful in encompasses the basic amenities presenting house hold and offers ways to manipulate the use without any human interaction.

**Role:-**My role is developing the android application and assembling the hardware module.

## **AWARDS:**

- Participated in Dance(Group) University Level having 2<sup>nd</sup> prize, during Kashti-2015 in G.H.Raisoni Institute of Business Management, Jalgaon.
- Participated in the Cricket and Carrom Competition having Winner prize and Runner Up prize, During Antaragni 2014 in G.H.Raisoni Institute Engineering and Management, Jalgaon.

## **HOBBIES:**

- Drawing, Reading, Dancing, Swimming and Writing.

## **PERSONAL DETAILS:**

**Permanent Address:** -C\O DR.Vijay Mahajan, Shivaji Chowk, Pimprala, Jalgaon. Pin Code: -425001

**Date of Birth:-**18<sup>th</sup> March 1994

**Gender:** -Female