**Usha Phulwani**

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**CAREER OBJECTIVE**

Focused professional with more than 3 years of experience and a proven knowledge of application development, web technology and database. Aiming to leverage my technical and professional skills at your company.

**WORK EXPERIENCE**

**Guangzhou Sutu Electronics Intl Pvt. Ltd.** Guangzhou

*Senior System Engineer*  *Apr 2018-present*

* Direct Software programming
* Desktop application(wpf) as the app delivered with Company’s Multimedia Control Devices
* Web application (in progress as of current times) as an interface to communicate with Multimedia Control Devices.
* Created Timer (as Windows Service) to automate communication with machines.
* Created Console application as TCP/IP Server that communicates in real time with web application and Control Devices.
* Worked with Web Sockets for live communication from web page to server and vice versa
* UDP, TCP/IP connections to communicate with Control devices.
* Project Deployment (1st phase of project) on Client’s machine (IIS Server).

(\*All of the above work done solely\*)

**Infosys Limited** Pune, India

*System Engineer*  (*Jan 2015- Mar2017)*

* Software programming and Development of Document.
* Coordinate installation of software system.
* Work on different Modules of a Web application as part of team.
* Support Project – resolving issues of users.
* Direct communication with Clients to identify and rectify issues.

**EDUCATION**

SCSIS, DEVI AHILYA VISHWAVIDYALAYA, INDORE, MP, INDIA

*Master of Computer Applications (MCA) (Jun 2015)* Indore, India

Government College, Mandsaur, MP India Mandsaur, MP

*Bachelor of Computer Applications (BCA) (Jun 2012)*

**Project Details**

**Teaching Management Tool**

**Summary** – A project to develop web-based interface to control and connect with Multimedia Control Devices (MMC), IP camera and have other basic functionalities like authentication and authorization of users, creating schedule or IC Card Registration, related information and logs, current Environmental Status like – Temperature, Humidity, and other Charts, to Automate boot and shutdown of MMC. The project is in progress.

**3 Applications are created for the project – Windows Service (Timer), Console app (TCP/IP Server), web application (UI)**

**Technologies used** – HTML, CSS, JavaScript, jQuery, c#, Asp.Net, Web Sockets, TCP/IP Sockets, SQL Server

Roles and work done-

* Login, Registration and limit access to application using authorization.
* Created controls Page to send data to MMC using JS, Web sockets.
* Environmental Status page showing live data charts related to Temperature, Humidity, CO2, Projector uses(hours) and other uses.
* Interface to add edit or delete devices, IP camera and Institute’s tree structure.
* Configuration Settings on the device.

**Cresi App**

**Summary-** A project as a startup application for the multimedia control device. When user will login to Device, this app will be the first to start to provide basic functionalities to communicate with device.

**Technical Details –** C#, Comport, Windows Setup Project

Roles and work done-

Created whole application solely and is implemented successfully.

**TECHNICAL SKILLS**

Microsoft Technologies: c#, asp.net

Database: Hands-on- sql server, Knowledge of – MySQL, oracle 11g (Worked in college projects)

Web Technologies: HTML5, JavaScript, jQuery, CSS, Bootstrap

Concepts: Software Engineering, RDBMS, OOPS

Others – web sockets, Socket Programming (UDP, TCP/IP), experience with desktop applications (wpf and windows), console applications, windows services, Setup Projects and web applications

Basic knowledge on angularjs (worked on a personal, small project).

Knowledge of Java, J2EE, servlets (created college project named Intelligent Notice Board)

**PROFESSIONAL SKILLS**

* Timely Delivery
* Efficiency
* Creative thinking and Logical Reasoning
* Hard Working

**LANGUAGES KNOWN**

English

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