Minakshi Yadav

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Minakshi Yadav

Experience Summary (6 Years)

 Have worked on analysis and design of the Mobile application on Android platform

 Hands on experience of Socket programming using TCP/UDP protocol and establishing Data

communication on Wi-Fi domain

 Have exclusively worked on building User interface & establishing Business logic for windows and

mobile web application’s using MVC architecture

 Have worked on analysis and design of the Mobile application on Android platform

 Good experience of working with multithreaded applications using C, C++ & Java

 Experience in design & development of real time Web application’s using HTML, XML, Java script,

PHP, CSS on C, C++ & Java Platforms

Technical Skills

Programming Languages C, C++, Java, C#, Open CV

Web Technologies HTML, CSS, JavaScript, JSON, PHP,AJAX

Network Protocol TCP , UDP

Modeling Language UML

Technology & Tools Ms Visio 2003

Framework Visual Studio 2008, Eclipse

Operating System Android, Windows ,Linux

Qualification

Degree and Date Institute Major and

Specialization

Percentage/CGPA

Master of Technology

, 2005-07

School Of Computer Science,

Devi Ahilya Vishwa Vidyalaya,

Indore(M.P.)

Computer Science 92%

Bachelor of

Technology 2000-04

Uma Nath Singh Institute of

Engineering and Technology

,Purvanchal University,

Jaunpur(U.P.)

Computer Science &

Engineering

77.9%

Assignments

Project Standalone AP (Broadcom) for WLAN

Description Application to enhance the feature for AP( Access point) used in Wireless

Local Area network. It has all required functionality for establishing and

controlling wireless network. The OS is Linux and C is used for business logic.

Clear silver as an interface between C and HTML, HTML and JavaScript for

GUI.

Role Developer Resume Minakshi Yadav

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Team size 5

Responsibility  Involved in the maintenance part of GUI.

Technology & Tools C, HTML, JavaScript , Linux , Clear silver , Access point

Project Smart phone Park Assist, Nissan (Wi-Fi Domain)

Description Smart phone park assist, Real time mobile application assisting the driver in

Car parking. Designed to run on Android Platform with video streaming feature

from front and rear camera on Wi-Fi network, facilitating with directions and

guidance in parking the vehicle. Have used Open CV to capture images from

the camera associated with the vehicle, transmitting it to Android device.

Algorithms are written in C++ to get parking related information which is

transmitted over Wi-Fi using Socket & the Android program is written in Java.

Role Developer

Team size 1

Responsibility  Have done requirement gathering & Analysis for the project

 Presented the approach suggestion with pros and cons.

 Have Designed the User interface and business logic for the mobile

application

 In the Implementation of business logic for Notebook PC have used C++

& Open CV to capture real time image and transmission over socket

 For building User interface have used XML for Android platform

 Test the application

Technology & Tools Java, OpenCV 2.1 , C++, Socket Programming, Thread, Eclipse, Android SDK,

Wi-Fi

Project Mobility Web Application, Nissan

Period Nov 2010 – Mar 2011

Description Mobility web application, to display vehicle related information &

functionalities be it dynamic or static data such as Vehicle speed, fuel, video or

location for a smart device running on Android. For the front end of application

the algorithm is built in Java and an interface is embedded which fetch the data

from the PHP scripts present on the server in JSON format & displayed using

Android native controls

Role Developer

Team size 1

Responsibility  Requirement gathering Analysis.

 Approach suggestion with pros and cons.

 Design of User interface ,application logic

 Have written PHP pages which act as interface with the web server PHP

pages.

 Implementation of application logic and User interface

 System Testing. Resume Minakshi Yadav

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 Have done Acceptance testing successfully at the client site

Technology & Tools Java, HTML, CSS, JavaScript, PHP, JSON, Amazon, HTTP

Project Consult-IV SCF(Standard Control Flow) Designer , Nissan

Description Consult-IV SCF Designer, A database driven application which provides user

friendly interface to design logic for a diagnostic Application. It is a framework

used by an automotive domain expert to build diagnostic logic in form of flow

charts which gets converted in to a Dynamic Linked Library (DLL) and used in

Master application, Consult-IV. The application is written in C# and SQL

server 2005

Role Module leader and Developer

Team size 15

Responsibility  Requirement Analysis.

 Design and development of User Interface and Application logic.

 Design and Development Algorithm to convert flowchart in the form of

custom controls into C++ program.

 Code review and troubleshooting.

Technology & Tools C#, Visual studio 2005, SQL server 2005, XML, C++

Project OEM Diagnostic application, Nissan

Description OEM Diagnostic application, to perform diagnostics on the vehicle ECU’s with

user friendly interface. The application was designed in VC++ & MS access

could diagnose vehicle functionalities such as Data monitoring, Fault code

detection, Active tests and Work support, Configuration and ECU’s (such as

control modules of Engine, Body, Transmission, Airbags, ABS and so on) in

the vehicle as built.

Team size 10

Role Team member/Developer

Responsibility  Prepare GUI on the basis of specification.

 Prepare and review SRS,SDD and STP based on specification

 Testing.

Technology & Tools Visual C++, MS Access