**RAGHAV NEWAR**

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To Obtain a more challenging and rewarding career

**XPT Softwares Ltd for client Dell R&D - November 2013 - current**

**Tata Elxsi – Consultant software engineer – Oct 2013 – Nov 2013**

**MasterSys for client Mphasis(HP) – Software engg. Aug 2012 – September 2013**

**WINFOWARE TECHNOLOGIES for client MOTOROLA – Sr Software Engg, June 2011 –**

**July 2012.**

**HUAWEI TECHNOLOGIES – Sr Software Engg, June 2008 – Apr 2011**

**Course College/University Aggregate Year**

B.Tech (Electronics

and Communication

Engineering)

NIT Durgapur 75.2% 2008

ISC (12 th)(Physics,

Chemistry,

Maths,Computer

Science)

St. Paul’s 84% 2004

ICSE (10 th) St. Paul’s 81% 2002

**ADDITIONAL CERTIFICATIONS:**

Completed a Certificate course under NOVELL on LINUX (SUSE), NIT Durgapur

**Programming Languages :** C, C++, TCL, PYTHON, BASH, XML

**Other tools, utilities :** Rational Purify, Coverage, Intel Thread Checker,

Valgrind, Gdb, CruiseControl(CI), SVN.

**Working Platforms :** Windows, Linux, AIX, Android, OpenVMS

**OBJECTIVE**

**EDUCATIONAL DETAILS**

**EMPLOYMENT DETAILS**

**SKILLS**

**Misc :** Linux, Data Structures/Algorithms ,

Computer Networks

Working Platforms **:** Windows 9X/2000/XP, Linux

**November 2013 – Current – Developing automation framework to deploy**

**Dell update packages viz. Firmware, OS other softwares.**

**October 2013 – November 2013 : Developing automated framework to interact**

**with light sensitive/motion detector devices(proprietary )**

**Aug 2012 – September 2013 : Development on compilers (Fortran, C, C++) on**

**OpenVMS platform (HP OS).**

**1 yr (June 2011 – June 2012) developing test framework for ANDROID based**

**phones in Python.**

**10 months Developing test suits for C, python, tcl, suites for SQL engine based on**

**PostgresSQL**

Exposed to test framework design and implementation from scratch

CI set-up and Integration

Worked on client server applications

C/C++, TCL, Python, TCP/IP.

Advanced SQL and database usage

Participation in design, development and testing of Replication module for DB.

**7Months Memory Resident Database Kernel and SQL Engine tools**

December 2008 – June 2009

Exposed to API development

Developed TCL and Python interfaces for Memory DB

Developed testing tools and query performance analyzing tools

Exposed to developing C/C++ code for Multi threading and deadlock scenario testing

SQL DDL, DDL, Built-in and utility functions commands

Replication, Recovery, Backup, Restore, Commit, rollback and checkpoint features defect

fixes done.

**6Months Memory Resident Database Kernel and SQL Engine Testin**g

June 2008 to November 2008

Exposed to **API** testing

As a test coordinator experienced in Planning, Test Case Design, Test case automation, Test

tool development, and Test execution.

Developed automation suite of 1200 test cases in **TCL** for Linux, windows.

Exposed to developing C/C++ code for concurrent scenario testing

SQL DDL, DDL, Built-in and utility functions commands testing

Recovery, Backup, Restore, Commit, rollback and checkpoint feature testing and design

review

Did automation frame work design for Functional, Longtime, Memory leak and system failure

**PROFESSIONAL EXPERIENCE**

testing scenarios

Participated in many rounds of SDV testing for **Agile Process** (with CI). And Found

maximum number of bugs to make the software stable.

**OS’ worked on: Linux, Windows, AIX.**

**During the above tenure I was recognized with:**

Defect Star award 2 times – For the quality and number of the defects raised.

BL level Awards for good contribution, and quality of deliverables.

Best New Joinee for the year 2008-2009.

Got excellent rating for appraisals.

**A SMS sending tool( GSM network) in Python**

Role:-I was the only one involved in this project.

About the project:-The mobile phone should be connected to the computer via a serial

port. First the phonebook and Inbox is read. The user has the option of composing the

message and sending it to any valid number .Phonebook can be used for the same.

**Designing a F.M transmitter using a Colpitt’s Oscillator**

Role:-I was involved in the organizing the whole process.

About the project: A simple F.M transmitter is implemented using a Colpitt’s oscillator

which generates the carrier signal .Its range is limited to 4-5 meters. Provision of sound

input is provided to the user. A FM receiver is required to catch the signal.

Date of Birth : 7th April, 1987

Nationality : Indian

Languages Known : English, Hindi, Bengali

Hobbies : BOOKS, MUSIC, SPORTS

**ACADEMIC PROJECT**

**PERSONAL DETAILS**