IKYA
THE POWER OF BEING ONE

## Experience Summary

- Over 30 months of development experience in telecom domain as Project Engineer in Wipro Technology.

- Worked on complete software development lifecycle and also supported at PLM level.

- Recipient of Excellence Award in Global Media Telecom.

- Delivered Seminar on Product architecture and tool concepts (like GTK, Clearcase etc) within and across project teams.

## Educational Qualification and Certifications

| Title of the Degree with Branch | College/University | Year of Passing |
|---|---|---|
| Bachelor of Engineering in Computer Science and Engineering | Sir M. Visvesvaraya Institute of Technology, Bangalore | 2010 |

## Technical Skills

| | |
|---|---|
| **Platforms** | Unix/Linux |
| **Programming Languages** | C/C++, Shell Scripting, Basic knowledge of SQL |
| **Concepts** | Telecommunications, Networking, Multi process synchronization, debugging, Unit & Module  testing. |
| **Software and Tools** | Rational ClearCase, GTK, Hilti tool, Cygwin, Citrix, Netsim, Rational Purify, Coverity, Eggplant, Bullseye, VI editor |
| **Hardware** | Network Configurations, Computer servicing and assembling experience, Alcatel AS 1000 Switch and MGC 5020 Switch |

## Internal Certifications & Achievements

Wipro UCF C 1.1

Wipro UCF Unix Sys CPP 2.1

Recipient of **Excellence Award**' in Global Media Telecom

## Project Details

**Organization:   Wipro Technologies    ( Aug 2010 to Present )**

**Projects**

**1.    OSS-RC**

| | |
|---|---|
| *Client* | Ericsson |
| *Description* | Operation Support System for Radio & Core (OSS-RC)'        functionality**:** To manage, configure, monitor, troubleshoot and upgrade the various network available i.e. wireline, 2G, 3G, core etc. |

| | |
|---|---|
| *Project Type* | Development |
| *Operating System* | Unix |
| *Role* | Developer C/C++ |
| *Period* | March 2012 – present |

**Application/Tools Used:**
- Rational ClearCase
- GTK
- Vi editor
- Cygwin
- Netsim
- Citrix
- Rational Purify
- Coverity
- Eggplant
- Bullseye

**Responsibilities and Achievement:**

Worked in ERIC_PLATFORM team of the project.

Developed different features of GUI using **GTK** for command handling and interacting with nodes.

Evaluated and recommended tools and technologies to improve productivity in areas like coding and testing.

Active participation in all level of System Development Life Cycle.

Contributed efficiently in Product Lifecycle Management (PLM).

Supported other teams on issues related to command handling.


**2.    MULTICORE-S12-MGC12**

| | |
|---|---|
| *Client* | Alcatel Lucent |
| *Description* | The System is a telecom Switch which has 2 divisions. |

1. *AS 1000 Switch***:** Legacy system which has proprietary Operating System and uses messages for all the inter process and inter subsystems communication purposes. This is supported in both PSTN and ISDN networks.
2. *MGC 5020 Switch***:** Using new technologies like MGC and Protocols like MEGACO, SIP and in Unix platform.

| | |
|---|---|
| *Project Type* | Development |
| *Operating System* | Unix |
| *Role* | Developer C/C++/CHILL |
| *Period* | November 2010 – February 2012 |

**Application/Tools Used:**
- Rational ClearCase
- Vi editor
- Cygwin

**Responsibilities and Achievement:**

Worked in Kernel & Server Platform team of the Project MULTICORE-S12-MGC12.

Being in Kernel team handled tasks related to Alarms reported and Trunk test module, and GUI.

Developed solutions in Patches, Macros, and Module level.

Developed a new tool to trace inter process, inter thread communication in Unix.

Created utility scripts which will automate the process of solution implementation.

Developed Macros which will implement the solution directly in the field.

Coordinated with Protocol team, Charging team, Tech team, ORJ team, Call handling team to check the impacts when solutions were given.

Mentored freshers in their initial level project trainings.

Supported juniors and colleagues in solving their tasks.

## Contact Details

| | |
|---|---|
| **Gender** | Male |
| **Date of Birth** | 28th Oct 1987 |
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| | Koramangala, Bangalore |
| | Pin- 560034 |

## Declaration

I hereby declare that the information furnished above is true to best of my knowledge.

Date: 20/03/2013
Place: Wipro Technologies
     Bangalore                                        JANMEJAY TRIPATHY