Rajeev Purohit

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 EMBEDDED SYSTEMS – NOIDA

Professional Aim:

Seeking a position where my knowledge and skills can add value to an organization and thus helps me achieve professional and personal growth.

Professional Summary:

* **3.6 years of coding experience in Object Oriented Perl & UNIX shell scripting.**
* **2.6 years’ experience in SDH, PDH, and Ethernet technologies.**
* ***Developed Test cases, and Test suits for the Embedded Software Testing framework on Perl, Verification & Validation, Black-box Testing, Sanity Testing, Smoke Testing, Regression Testing, Scripting & Execution, Test Automation experience.***
* Post Graduate Diploma in Embedded Systems Design from **CDAC**.
* Perl development skills using **Object Orientation, File Handling, Sockets, Perl modules, & regular Expressions** on **Linux/UNIX** platform.
* **SCPI** (Standard Commands for Programmable Instruments) driver development.
* Worked on **Tk graphic interface** module for **Perl**.

Technical Expertise:

Operating System : Linux, UNIX, Windows NT 2000/2003/XP/7

Programming Languages : Perl, Unix Shell.

Software Tools : GDB, Perforce, Install Anywhere, Teamcity, Bugzilla,

JIRA, etc.

Project Exposure:

**>CIENA India Pvt. Ltd. (From Feb 2013 – Till Date)**

PROJECT: On-Center Product Development (Aug 2013 – Till Date)

**Environment: O/s: Red Hat Linux, Solaris Tools:** **Install Anywhere, Perforce, UNIX Shell.**

**Role and Responsibility:**

1 On-site Experience for Installer development and enhancement of the product.

2 Working on **Install Anywhere** tool to create the installer on Linux and Solaris platform.

3 Creation of **Auto Installation suite** and **smoke tests suite** for a regular check on installation failure.

4 Build and Release Management. Worked on scripts to create the build and release package.

5 **Creating Perl and Shell scripts for automated builds and tools to enhance Release Management**

6 Ensuring code changes for next release submitted by developers are picked up and merged to main line.

7 **Handling the Network Elements multiple simulator environments on Linux systems and maintaining and enhancing the environment for the developers.**

**>Fibcom India Ltd. (25th Aug, 2010 to Jan 2013)**

PROJECT: Development of Testing framework & Test Scripts for SDH, PDH & Ethernet Network Elements.

**Environment: O/s: Red Hat Linux, Windows Tools:** **Perforce, Perl**

**Role and Responsibility:**

* + - 1. 1. Developed the Socket Libraries for signal instruments.

Develop the Socket Communication Libraries for the SDH, PDH & Ethernet Devices for communicating between each other and the System.

1. **2. Developed the SCPI Device Driver libraries**
2. Develop the Device Driver Libraries for the SDH, PDH and Ethernet Devices through SCPI commands so as to control them remotely by a system through IPC
   * + - 1. 3. Developed the Test Scripts

Developed the test scripts for the testing of 6335 2.0.1 Feature Pack for EMS(Equipment Management Specification) 07 for 6335 FP 2.0 & 2.0.1

**4. Generating Test log files in HTML5 format by Perl.**

Deduce a way to generate the log file in a standard html format at a specified location where the Testing Web page could be redirected through a web browser.

**5. Developed the Test log page in HTML.**

Create a home page for the System Test so that anybody can see the html result logs generated by the System Test.

###### Scholastic Profile:

**B.E** from Rajasthan University, Jaipur in Electronics and Communication.

Experience Summary:

* Currently working as Software Engineer 1B at **Ciena India**, Gurgaon since Feb 2013.

[www.ciena.com]

* Currently working as an Executive Software Engineer (R&D) in **Fibcom India Ltd.**, Noida since August 2010.

[[www.fibcom.com](http://www.fibcom.com/) ]

* CDAC [NOIDA] Embedded Systems Design certification from March 2010 to August 2010

[[www.cdacnoida.in](http://www.cdacnoida.in/) ]

Hobbies & Interests:

Doing Photography & ADMIRING NATURE, Love pets, working with an NGO (Animal Aid Unlimited) IN Udaipur for the better of street animals.

Personal Dossier

**Date of Birth** : 2, January, 1986

**Permanent Address** : V5/45, Vrandavan Nagar, Bohara Ganeshji,

Udaipur-31300 (Raj.)