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| THIMMA REDDY VENNA thimmarv@gmail.com  Mobile: +91 7401298686 |

***Objective***

* To associate with a progressive organization that fosters new challenges in Software Testing and QA to provide better opportunities for professional growth, innovation and creativity.

***Professional Summary***

* 6 years of experience in Software Test Automation using C-language.
* Good exposure in Automation framework development using C and Perl.
* Expertise in analyzing system runtime memory and other resources leakages.
* Good understanding of operating system APIs for Data base, File system operations.
* Good exposure in advanced In-Memory Database systems and related memory technologies.
* Good exposure on design and algorithm testing.
* Good understanding on integration testing.
* Expertise in debugging C & Perl code for core dumps using gdb.
* Good exposure in Real Time Operating System Concepts.
* Expertise in Designing Test Plans, Test Strategies and Test Cases.
* Good experience and exposure in verification process, test methodologies and quality initiatives.
* Good experience and exposure on QA Test Methodologies (Black & White box).
* Good exposure in Networking Concepts.
* Good exposure on Set-Top Box Testing.
* Good experience and exposure on WebUI Interface testing.
* Expertise on Scrum Methodology in Agile.

***Work Experience***

* Currently working as a Senior Test Engineer in ***Cisco Systems India Pvt. Ltd.*** Chennai from Feb 2013 to till date (Permanent to ***Nichepro Technologies Pvt. Ltd*** Bangalore).
* Worked as a Senior Software Engineer in ***TeleDNA Communications India Pvt. Ltd***. Bangalore from Feb 2012 to Sep 2012.
* Worked as a Senior Software Engineer in ***Huawei Technologies India Pvt. Ltd****. Bangalore* from March 2008 to Jan 2012.

Certifications/Achievements

* + A Huawei Certified Test Skill Professional.
  + Received Most Quality Conscious Employee Award for my contributions on finding the Critical number of Defects.
  + Have been awarded as a Best Tester for my contribution on End-to-End testing for Memory Database testing.
  + Received the Star Award of the year 2012-2013 at Client place [Cisco Systems India Pvt. Ltd, Chennai].

Education Qualifications

* B.E in Electrical & Electronics Engineering with a consolidated aggregate of **75%** from Anna University in 2007, Chennai.
* Intermediate with a consolidated aggregate of **90.4%** from Board of Intermediate in 2003, A.P.
* SSC with a consolidated aggregate of **83.5**% from Board of Secondary Education in 2001, A.P.

Skills Profile

Languages: C and Data Structures.

Scripting Languages: Shell. Perl.

Operating Systems: Linux, Windows XP/Vista/7, Vxworks.

Databases: In Memory Database System.

Debugging Tools: GDB debugger, Valgrind

Professional Experience

***Project #1***

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| **Project Name** | **DBDS** | |
| **Customer** | TimeWarner, Cox, Rogers. | |
| **Role** | Automation/Manual Tester | |
| **Duration** | Feb/2013 -to- till Date | |
| **Team Size** | 6 | |
| **Environment** | **Software** | Languages: Shell. |
| **(with-skill versions)** |  | Internal Tools: Putty and VI editor. |
|  |  | Platforms: Solaris. |
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**Project Description**

Digital Broadband Delivery System provides complete solution to view the digital audio/video programs at DHCT. This system is about the way how we access all the programs at DHCT via the transport system which are broadcasted from available content providers and also offers real-time reverse path.

**Contribution**

* Execution and Report generation for all WebUI test cases.
* Execution and Report generation for Functional test cases.
* Execution and Report generation for Online Help test cases.
* Complete testing of different features like Client Upgrade, Emergency Alert System, BFS and Appserver.

***Project #2***

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| **Project Name** | **TeleDNA SMSGw Plus** | |
| **Customer** | BSNL, AIRCEL, MTNL. | |
| **Role** | Automation Tester | |
| **Duration** | Feb/2012 -to- till Date | |
| **Team Size** | 6 | |
| **Environment** | **Software** | Languages: C, Shell. |
| **(with-skill versions)** |  | Internal Tools: Putty and VI editor. |
|  |  | Platforms: RedHatLinux. |
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**Project Description**

SMS Gateway acts as controller between External ESME’s and SMSC’s. This is mainly used to interconnect the two systems to send short and Bulk messages.

**Contribution**

* Analysis of the specifications provided by the Customer to develop the Test Design.
* Complete test design, testing and automation of test scenarios for different features of SMSGW.
* Different test methodologies like Test Analysis Design (Interaction between features, Non Function test Analysis and Other Test techniques), Test Scenario Analysis, Customer scenario and Performance analysis were done for test design.
* Designed Test Code using Shell scripting to test the Features provided by SMSGW.
* Tested Many SMSGW features.
* Defects were raised and Automated and integrated to Continuous running test suits.

***Project #3***

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| **Project Name** | **DOPRA Virtual File System** | |
| **Customer** | Huawei Related Products | |
| **Role** | Automation Tester | |
| **Duration** | May/2009 -to- Jan/2012 | |
| **Team Size** | 3 | |
| **Environment** | **Software** | Languages: C, Shell. |
| **(with-skill versions)** |  | Internal Tools: Putty, Source Insight and VI editor. |
|  |  | Platforms: SuseLinux. |
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**Project Description**

**DOPRA** (Distributed Open Programmable Real-Time Architecture) is a middleware platform which acts as interface between OS and Application layer of Telecom Systems.

**Contribution**

* Analysis of the specifications provided by the Customer to develop the Test Design.
* Complete test design, testing and automation of test scenarios for different features of VFS.
* Different test methodologies like Test Analysis Design (Interaction between features, Non Function test Analysis and Other Test techniques), Test Scenario Analysis, Customer scenario and Performance analysis were done for test design
* Handled Different Non Functional Tests LIKE Memory Leak, Stress and System Failure Testing, Hard Disk Testing.
* Designed Test Code using C to test the APIs provided by VFS.
* Tested Many VFS features like Buffered, Un-Buffered, MFS, and UFS.
* Defects were raised and Automated and integrated to Continuous running test suits.
* Information Developer guide was reviewed perfectly*.*
* Constructive knowledge sharing among the team members.

***Project #4***

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| **Project Name** | **DOPRA Network Time Protocol** | |
| **Customer** | Huawei Related Products | |
| **Role** | Automation Tester | |
| **Duration** | May/2009 -to- Jan/2012 | |
| **Team Size** | 4 | |
| **Environment** | **Software** | Languages: C, Shell. |
| **(with-skill versions)** |  | Internal Tools: Putty, Source Insight and VI editor. |
|  |  | Platforms: SuseLinux. |
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**Project Description**

**DOPRA** (Distributed Open Programmable Real-Time Architecture) is a middleware platform which acts as interface between OS and Application layer of Telecom Systems.

**Contribution**

* Analysis of the specifications provided by the Customer to develop the Test Design.
* Complete test design, testing and automation of test scenarios for different features of NTP.
* Different test methodologies like Test Analysis Design (Interaction between features, Non Function test Analysis and Other Test techniques), Test Scenario Analysis, Customer scenario and Performance analysis were done for test design
* Designed Test Code using C to test the APIs provided by NTP.
* Tested Many NTP features.
* Defects were raised and Automated and integrated to Continuous running test suits.
* Information Developer guide was reviewed perfectly*.*

***Project #5***

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| **Project Name** | **DOPRA Memory Database System** | |
| **Customer** | Huawei Related Products | |
| **Role** | Automation Tester | |
| **Duration** | March/2008 -to- Jan/2012 | |
| **Team Size** | 3 | |
| **Environment** | **Software** | Languages: C, Shell |
| **(with-skill versions)** |  | Internal Tools: Putty, Source Insight and VI editor, |
|  |  | Platforms: SuseLinux, WinriverLinux. |
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**Project Description**

**DOPRA** (Distributed Open Programmable Real-Time Architecture) is a middleware platform which acts as interface between OS and Application layer of Telecom Systems.

**Contribution**

* Analysis of the specifications provided by the Customer to develop the Test Design.
* Complete test design, testing and automation of test scenarios for different features of DB.
* Different test methodologies like Test Analysis Design (Interaction between features, Non Function test Analysis and Other Test techniques), Test Scenario Analysis, Customer scenario and Performance analysis were done for test design
* Handled Different Non Functional Tests LIKE Memory Leak, Stress and System Failure Testing.
* Designed Test Code using C to test the APIs provided by DB.
* Tested Many DB features like Index (Hash, Ttree), DML, DBS, CDB, Backup/Checkpoint and Schema related features.
* Defects were raised and Automated and integrated to Continuous running test suits.
* Information Developer guide was reviewed perfectly*.*
* Key Member of Test Design for End to End testing.
* Involved in Allocation, Scheduling and Tracking of Tasks in the Development and Testing Phases.
* Involved in Code Reviews and Functional Testing.
* Design and Development of software.
* Involved in Code construction.
* Constructive knowledge sharing among the team members.

Personal Details

Date of Birth : 14-01-1986.

Languages : English, Hindi, Telugu, Tamil and Kannada.

Marital Status : Single.

Permanent Address : Flat No.105, Block-C,

YNR's Green Hills, ICRISAT Colony,

PJR Enclave Road, Chandanagar,

Hyderabad-500050.

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