**Raghavendra H R**

**Bangalore**

Phone: 98455 90673 | Email: [hrraghu@gmail.com](mailto:hrraghu@gmail.com)

**Summary**

Senior QA engineer with 13 years of experience in new product development. Extensive team leadership skills with proven ability to creatively and effectively lead QA project teams through software development and test execution. Experienced hands-on test engineer responsible for developing test requirements for complex software features.

Seeking a position in the networking computing domain that will utilize my experience and offer opportunities for career growth.

|  |  |  |
| --- | --- | --- |
| **Education:**  Master of Computer Application Kuvempu University.  **Training**:  Project Management Fundamentals  Hewlett-Packard  Networking Fundamentals  Dr. Chockalingam (IISc Bangalore)  Python Training (automation scripting)  Hewlett-Packard  Perl Training (automation scripting)  Hewlett-Packard  C programming  Uttara Computers, Bangalore.  Agile software development methodologies  Hewlett-Packard  QTP Training - Hewlett-Packard | **Technical Skills**  **Networking protocols:**  TCP/IP, DHCP, DNS  STP, RSTP, MSTP  SNMPv1, v2c, v3  sFlow, Open Flow & SDN  802.1x, Radius & IPsec  OSPF, RIP, RIPng.  H.323,RTP/RTCP  Automation & Tcl/Tk.  **Wireless Protocols:**  802.11a/b/g  **Operating Systems**:  Linux (Ubuntu/RHEL)  VmWare ESXi server & configuration  Microsoft Windows: Installation & Administration.  **Network Installation & Troubleshooting:**  HP switches and Routers  HP Wireless Access points & Controllers  Cisco 7200 series & NEC 5210.  **Tools:**  IXIA : IxExplorer™  MIMIC Simulation, Wireshark, Iperf , Nmap & Nessus  **Defect Tracking tool:** HP Quality Centre | **Leadership Skills:**  Project management including scheduling resource management and status reporting.  Lead QA team in development of test cycle schedule, test plans and quality standards.  Excellent Team building & coaching skills.  Experience in leading and participating on globally distributed teams  Management and support of outsourced QA test engineers.  Participate on interview teams and performance evaluation of existing team members.  Experience in building Automation test Team.  Experience in handling customer reported issues and providing solutions. |

**Software Design Engineer IV, Hewlett-Packard Company       July 2004 – Apr 2014**

Currently leading a QA team for HP Intelligent Management Center, Wireless Service Manager based on SOA (Service Oriented Architecture) & HP PCM+/IDM Network Management Software.

**HP Intelligent Management Center**

* Technical leader of 5 test engineers in support of new product development.
* Provide technical guidance to team members during software design reviews, test plan development and test bed setup.
* Developed test plans for Device Management, Configuration Centre & Network Traffic Analyzer.
* Utilize IXIA applications to simulate various traffic streams in support of performance and scalability testing.
* Tested key features of Wireless Service Manager- AP-Client management and RF Manager. Installation and troubleshooting of standalone wireless access points and wireless controllers.
* Escalation of issues to H3C team in China test centre via weekly tele-conference.
* Reproduce customer issues to verify problems and provide feedback to development teams.

**HP PCM+/IDM Network Management**

* Technical leader of 10 test engineers in support of new product development and ongoing software maintenance releases.
* Responsible for test strategy development, scheduling and resource planning.
* Recognized and strong team player across functional areas of the project team.
  + Develop and present status reports to management.
  + Consult with Marketing on new feature requirements and usability improvements.
  + Collaboration with the Automation team in support test case automation and validation.
  + Proactive communications with remote team members.
  + Experience with UI , usability testing and I18N
* Participate in Customer beta testing contributing test objectives and technical support while gaining knowledge of common network deployments.
* Test plan development and execution of key product features including web-auth, MAC-auth and 802.1x security modules. Proficient with Radius server installation and configuration.
* Authored technical white papers: Network Traffic Monitoring using HP iMC and HP PCM+ & multiple SNMP device discovery.
* Key contributor to product documentation including Installation and Configuration Guides and Release Notes

**Previous Experience**

**RelQ software, Bangalore (Deputed to Hughes Software Systems, Gurgaon) Sept 2003 - June 2004**

NEC Router Testing: NEC Japan developed own router cum switch. It supports all routing protocols like RIP, RIPng, OSPF, OSPFv3 and bridging modules like STP/RSTP. It also supports NAT/NAPT and firewall. It is an intelligent switch. It is compatible with ADSL.

* Written test plan and Test cases for RIPv2 and RIPng protocols.
* Involved in setting up Test Environment for Unit and System Testing.
* Functional testing, routing protocol testing (RIP & RIPng),
* Conformance testing, Interoperability testing with Cisco Routers and regression testing.

**HCL Perot Systems, Bangalore. Apr 2003 – Aug 2003**

Palm Handheld Device Testing: Client: Palm:

* Test plan review and test case review.
* Reviewing bugs for its clarity and ensures no ambiguity in the bugs reported by HPS tester.
* Keeping minimal no. of the bugs reported by testers, which are classified as ‘Reject/Not a bug, More Info, Irreproducible and Duplicate’ bugs

**Ibex Gallagher Pvt Ltd, Bangalore Aug 2001 - Apr 2003**

Development and Testing of RTP/RTCP Protocol: Coding of RTCP modules (Transmitter).

* Unit testing of the modules including Receiver module on Linux, System Testing on Linux.
* VoIP testing: This includes overall testing of VoIP software – Unit Testing, System testing. Unit testing. Design document review & Test review.

**Inspiration Technology, Bangalore Feb 2000 – June 2001**

Internet access Device (IAD) Testing: Internet access via the ADSL, with TV being the display medium. Ability to make voice calls using VoIP technology. The key functional features IAD are as follows: H323 based VoIP protocol stack, including echo cancellation and DTMF functionalities. Supports web browsing and email client. Involved in complete testing of IAD

* Implemented Encore Voice software, System testing.
* Constantly involved in maintenance of IAD.
* Customized Linux OS for IAD.
* Design document review, Test review.

Routing Information Protocol Implementation (RIP):

* Involved in Coding.
* Unit testing.
* Design document review, Code review.