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| **Veera Brahmam V**  [**brahmam\_klce@yahoo.com**](mailto:brahmam_klce@yahoo.com)**, +91-9916673623** | |
| **EXPERIENCE(11+)@**   * LEAD ENGINEER. **Mentor Graphics** Bangalore, Aug 2018 - till date. * LEAD ENGINEER., **Cavium Networks** Bangalore, May 2013 - July 2018 * Technical Project Lead, **Huawei Technology** Bangalore, Nov 2007 - April 2013. * SOFTWARE ENGINEER., **Sirveen Control systems** Hyderabad, June 2006 - March 2007. | **SUMMARY**  11+ years of experience in Test Automation, Test design, Test Development and building scalable, distributed and high performance software which span wide range of areas including Embedded and Enterprise Linux. Looking to obtain a position in an organization where I can apply knowledge gained through my experience.  **HIGHLIGHTS**   * Strong Hand-on experience in Embedded Linux kernel/distribution testing, User land Packages testing. * Hands-on in Python, C, Shell scripting and Linux Kernels. * Good understanding in Designing & Developing of Test automation Frame works. * Strong knowledge on Test Automation, Test Design, Test Analysis, Test Case Writing and Customer support of Linux based kernel modules and Embedded Operating system. * Very Good understanding about yocto build frame work and bitbake process. * Very good Experience in Analyzing the Customer requirements. * Excellent Hands on test process also includes activities such as test planning, analyzing, designing, and implementing tests, reporting test progress and results, and evaluating the quality of a test object. * Ability to learn new languages and tools quickly. * Experience in testing Linux for Mont vista Carrier Grade Linux Edition & Carrier Grade Express products. * Technical communication, collaboration with cross functional multi-site teams. * Good exposure about how to test UEFI/BIOS , MRAM,Encrypted FS , TSN. * Completed ISTQB test certification.  |  | | --- | | **OVERSEAS VISITS** | | * 6 months (2012) @ HuaweiTechnologies,Shenzhen. Worked as Testing team Interface   With customer, understanding customer requirement & guiding team.   * 1 year (2010) @ Huawei Technologies, Shenzhen. Setting up the Embedded Linux lab from   lab Scratch and developing test frame work.   * 1 month (2017) @ Cavium Networks, SanJose USA. Setting up the lab environment for x86\_64 bit   Skylake boards & octeon-3 boards and finalizing the Acceptance criteria.   * 1 Month (2014) @ MontaVista, Arlington USA. shifting Arlington lab   to the Sanjose lab And discussing Secure boot (TPM) test requirement.  **PERSONAL DETAILS**  Passport Number Z3353298/F6767253  Visa Available B1/B2 USA visa till 2023  Address B103,SaiSriPride Aprt, Babusapalya, Bglr-43  Languages Known English, Telugu.  Mobile +91-9916673623 | | Email-id brahmam\_klce@yahoo.com | |
| **SKILLS**   * Python, Shell Scripting, C. * Linux Kernel Internals. * Test Framework design. * UEFI/BIOS, TPM2.0. * Board Bring up / Booting. * Different Types of Booting Mechanism. * YOCTO/openembeed/bit bake. * DRBD, RAID, LVM. * PNFS, File System Testing. * Linux system programing. * AWK/SED/FIND/GREP/EXPECT. * Debugging tools * Good at X86\_64, ARM, MIPS archs. * GIT, SVN. * VIM, Source Insight. * Confluence, Test Link, JIRA, bugz. |
| **WORK DOMAIN**   * LINUX KERNEL Subsystems Testing * Linux Distribution Testing. * Linux Enterprise Server Distribution Testing. * YOCTO |
| **EDUCATION**   * **BACHELOR OF TECHNOLIGY** (B.Tech) in **Electronics** and **Communication** from **Acharya Nagarjuna University**. * **Diploma** in **ELECTRONICS** and **COMMUNICATIONS ENGINEERING** from **State Board A.P**.   **LINKS**  [**https://www.linkedin.com/in/veera-brahmam/**](https://www.linkedin.com/in/veera-brahmam-5b040a78/) |
| **EXPERIENCE** | |
| **Mentor Graphics | Lead engineer :**  BANGALORE, INDIA | Aug 2018– till date  As a part of Mentor OS-as-a-Platform team we are delivering BSP with UEFI (TPM2.0), Encrypted File system, MRAM, TSN-Ethernet, SW Update/FW Update …etc. On Intel Sky lake, Xilinx ZU3+ to GE transportation LLC.   * Understanding the customer requirement & creating initial test plan. * Responsible for Requirement analysis, Test planning, developing Test procedures, Test cases. * Writing Test code in python reviewing test cases/code from peers/juniors staff members. * Managing the team of 4 member’s technically.   **Mont vista (Subsidiary of Cavium Networks PVT LTD) | Lead Test engineer.** | |
| BANGALORE, INDIA | May 2013– Aug 2018  Mont vista provides Embedded Linux Distribution across various Linux stable versions; all products offers readily available board support of leading embedded SoCs ensuring the customer can immediately begin development.  As part of Test team, I provide end-end embedded distribution testing to customers who bought Montavista's CGE5, CGE6, CGE7, CGX products. My day to day activity involves me in testing Kernel/User space features as per customer need. | |
| * Understanding the customer requirement & creating initial test plan. * Responsible for Requirement analysis, Test planning, developing Test procedures, Test cases. * Creating new Test API as per new customer test requirement & share with team members to use n write tc. * Review test code & provide review comments. * Participating in release process & regression testing. * Working with Yocto platform to upstream/downstream recipes /fixes from/to local projects. * Test Script development and automation using Python and mvtaf. | |
| Below are some important features list tested as part of Montavista Embedded Linux Distribution,  **Features list:**   * Kdump/kexec * KgdbOC * CPU hot plug and live application dump. * TicklessIdle and THP. * DRBD/RAID/LVM/ISCSI. * USB/ETHERnet/SATA/UART …etc IO testing. * Trusted Platform Module. | |
| **Huawei technologies India PVT LTD | Technical Project lead.** | |
| BANGALORE, INDIA | Nov 2007 – April 2013  I was part of Linux platform team , Linux platform delivery team is responsible for providing customized OS on  variety of hardware platforms as per the requirements of telecom and network product line for their embedded devices | |
| * Derive Test cases and Test automation for assigned features. * Review test analysis and design from testers and ensure sufficiency of test cases. * Automating/Review the assigned features by using Huawei test automation framework in Shell/C languages. * Responsible for Creating Test procedures and Test cases for assigned features. * Test execution tracking and preparation of version test report. * Supporting for many Internal Huawei customers CGP, MBSC…Etc. for Acceptance Testing.   **Features list:**   * pNFS * Live kernel patch (LKP) * Different types booting techniques NFS, USB, SATA, SD card …etc. * Yocto contribution (From test side). * K-box * Busy-box. | |
| **Sirveen Control System | Software Engineer** | |
| HYDERABAD, INDIA | June 2006 – March 2007  I was part of software team, sirveen control system providing end-end solution for Indian railways signaling system and Loco products.  Working on SNMP (Simple Network management Protocol) as a trainee and understanding client side SNMP module. | |

* Understanding the SNMP protocol.
* Deriving test cases and executing test cases.
* Understating end-end soft test life cycle.