**Pallavi E**

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C | C++ | Linux kernel | Unix System | Python | Shell Scripting | core java

**Experience Summary**

4 years of working experience in Tata Consultancy Services.

* 3 years 6months of experience in a telecom project, NSN (Worked on Baseplatform services of Flexiplatform).
* 6months of experience in qualcomm project on test automation for wrist display (smart watch)
* Actively working on the bug fixes as well.

**Technical Skills**

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| * **Languages known** : C, C++, UNIX, Wind River Linux, Shell Scripting, Python * **Hardware** : ATCA, BCN, FTLB * **Tools used** : SVN, gdb, vim, tortoise SVN, eclipse, tera term, Quality Center, valgrind, jenkins * **Domain Experience** : Telecom domain * **Operating system** : Linux, unix, windows * **Data base**: LDAP * **Defect Management**: pronto tool which was majorly used in NSN for reporting defects |

**Education**

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| * B.Tech in Electronics and Communication Engineering with 85% from RVR and JC college of Engineering affiliated to AcharyaNagarjuna University. * Intermediate with 96% from Masters Junior college, Guntur. * 10th class with 83.5% from Central public School, Guntur |

**Rewards & Appreciations:**

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* Stood as the “Best Performer and Contributor” for the team of 25.
* Based on my performance and technical ability, as a fresher, I have been to NSN client location at Helsinki.
* Hadbeen one among the top ten in the TCS Internal competition conducted on Shell Scripting

**Certifications**

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| * Completed the Foundation level Certification in Telecom domain. * Stood as the “Best Performer and Contributor” for the team of 25. |

**Personal Strengths**

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| * Ability to grasp and analyse concepts efficiently with an urge to learn more. * Flexible and can adapt quickly to new working environments * Can liaise with clients and communicate ideas with a wide range of people |

**Projects Summary**

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| Since May 2010 to October 2013 Tata Consultancy Services   * **Customer** : Nokia Siemens Networks Oy * **Duration** : May 2010 – October 2013. * **Role** : Developer, Tester and Scrum master (Systems Engineer) * **Project Description** :   FlexiPlatform (FP) is a modular Linux and IP-based software platform that provides services to build various IP network applications. Architecture of FlexiPlatform software is distinguished between two primary parts: BasePlatform (mandatory for all users) and FlexiComponents (optional building blocks). I was mainly part of development of some of the Basplatform subsystems on Hardware like ATCA (Advanced Telecommunications Computing Architecture), BCN (Box Controller Node).   * **Technologies used**:   C, C++, GNU Linux Variants like Wind River Linux, Shell Scripting, Python, gdb.   * **Project Contribution**:   As a developer, successfully developed below features in FlexiPlatformBasePlatformarea :   * Had good exposure to the source code of open source Openhpi and involved in development of various features like FUMI/DIMI on top of openhpi source code. Also involved in the integration of the openhpi source code to the flexi platform. * Had good knowledge on Hardware bring up activities like commissioning, recovering a given hardware(ATCA and BCN) from faulty scenarios and cluster expansions. * Implemented dynamic configuration feature through which the cluster expansion(includes both ATCA and BCN hardwares) can be made in run time. * Developed a tool, which includes various functionalities of SVN, which fetches various details from svn. * Implemented many start-up scripts for various functionalities which are needed to be applied to the hardware/system at the start-up. * Implemented various SCLI commands which has provided useful interface for customer. * Majorly worked with BCN hardware, and implemented resiliency feature for multi box BCN which is useful to connect the BCN boxes in full mesh/partial mesh mode.   As a Tester implemented many functional testcases(manual and automated) to support the implemented features.  As a scrum master, had taken responsibilities of the scrum and managed the team. Committed versus delivery ratio was correctly maintained and a;; the committed items were delivered on time without any slippage.  Since October 2013 Tata Consultancy Services   * **Customer :**Qualcomm * **Duration :**October 2013 to Till day * **Role :**Developer * **Project description:**   Personal hub is a project to explore different application scenarios for body area network (BAN). BAN would consist of one or more smart accessories controlled through personal hub software. In the current scope software in mobile phone acts as personal hub, however it should be easy to extend these concepts to other form-factors e.g. functions in wrist-display can be realized in a larger screen device like a digital photo frame. WD Automation covers the required testing support for the implemented features on WD and Ear piece   * **Technologies used:** Python and core java. Android applications as well. * **Project Contibution:** * Involved in development of new testcases for testing Wrist display functionality. * Automated few testcases to test UI functionalities of android phone using UI automator * Involved in development of android applications needed for testing few scenarios like calender launch, call log launch etc on phone * Involved in creation of new scripts for parsing the log files and to plot the graphs for the obtained logs accordingly * Involved in implementing new stress tests for calculating time taken for each application launch and for testing other scenarios on phone and Wrist display. * Involved in creation of unit test frame work in python to test all the scenarios.   **Declaration:**   |  | | --- | | * I hereby declare that all the information furnished above by me is true to the best of my knowledge.   **Place:** Bangalore  **Date:(PallaviEdara)** | |