

Amar Nath Yadav

(Certified Project Manager, internal to current Organization)

Mobile: +91 9739295982 | Alt. +91 8310609203 | Email: amaryadav.01@gmail.com

Bangalore, Karnataka

Profile Summary

- 11 years of overall IT Experience in development, testing, support projects, with over 5 years of project management experience handling teams distributed over different locations
- Grown into role of Project Manager from strong technical background and internal Project Manager Certification
- Expertise in techniques like critical path, float, slack, lag/lead time, crashing and fast tracking the schedule.
- Sound understanding of invoicing, revenue, RR(rate realization), PPC(Per person cost), Gross Margin, OM, PRICE, COST, MARGIN, CoD, PoC
- Managed Coordination between stakeholders, conducting customer requirement/ product requirement review meetings, conducting monthly and quarterly review meetings
- Setting up project management and productivity metrics, ramping up the team, project communication structure
- Well versed with end to end project management, activities includes – project initiation, planning, scheduling, execution, tracking/closure
- Sound basic knowledge of advance project management tools like run chart, histogram, control chart, pareto analysis, MS Project, MS Excel Worksheet, power point etc.
- Well versed with skills like Agile/SCRUM/Devops

Project Management Skills:

- | | | |
|---------------------------------|------------------------|-----------------|
| • Stakeholder management | Customer Relationships | Risk Management |
| • Technical Delivery Management | People Management | Team Management |
| • Vendor Management | | |

Technical Skills:

- C/C++ and Unix System Programming, Multithreading, IPC(pipe, FIFO, Shared Memory etc) and process synchronization (semaphore, mutex, spinlocks).
- C Compilation stages, Debugging using GDB
- LTP porting for Android Platform, Cross compilation.
- Board Bring up(OMAP4) and porting Android GB, ICS and JB on OMAP boards
- Linux Device Driver (char, PCI), PCI Architecture and expertise in reading writing from/to PCI reasons
- Synchronisation, Interrupt Handling, tasklets, softirq, memory management and kernel module programming

Soft Skills:

- Presentation/facilitation skills, Communication skills,
- People management, Team building, motivation, conflict management,
- Ramping up the team quickly to be productive
- Decision making, mentoring team members

Employment Summary:

- Currently working with Wipro Technology as Project Manager since Dec 2012 till present
- Worked with Sasken Technologies Ltd from Feb-2010 till Dec 2012
- Worked with Mahathi Software Pvt Ltd from Oct 2007 till Feb 2010.

Education:

- Btech in Computer science & engineering, 68%, passed out in 2006
- Post Graduate Diploma in Embedded system from CDAC, 66%, duration 6month, year 2007

Awards and recognition:

- Synergizer award, a quarterly award at business unit level in Wipro for my pro-activeness, collaboration within the team and the good balance between team mentoring, customer delivery etc
- Feather in my cap award from Wipro for Contributions in Oracle 12c database patch set release for Zseries platforms
- Feather in My cap award from Wipro for ramping up quickly and contributing to release of 11g and 12c oracle database on Zseries platform
- Best Supplier Award from customer SEMC during my tenure with Sasken
- Got Appreciation from Account head from Client side for conducting session on issue analysis to team distributed over different geographic locations during my tenure with Mahathi software

Project Details:

1: Porting of Oracle products on customer-platforms(Duration: Dec 2012 to till date)

The project is porting Oracle products on different platform. Project basically involves managing the porting the oracle base products to platforms and on different code branches. Managing build and integration of various oracle components. Addressing bugs and issues found during label build with features updates. Managing the issues raised out of testing efforts. Code merge and review process which comes to platform after any feature updates in base.

Responsibilities:

- Team's effort approval and submitting invoicing in system
- Conducting review meetings with customer, Conducting customer requirement/ product requirement review meetings , Coordination between different stakeholders
- Managing Building and integration of various components of the Oracle products, addressing build and compile time issues.
- Setting up productivity/ performance metrics for team
- Managing Functional and System testing of the Oracle products, addressing the bugs and issues arising out of the testing effort by debugging and resolving.
- Managing the Testing activities of the Oracle products in system configurations unique to the customer-platforms and ensuring functional completeness to satisfy performance and load conditions.
- Handling day to day Project management, development and support processes activities like status updates, customer communication, Team meetings, tracking progress of next milestones.
- Addressing the codes for merge in platform branches, Monitoring/Reviewing the merged code

2: Porting Android on OMAP4 Panda ES board(Duration: Aug 2012 to Nov 2012)

The objective of this project is to port Android on omap4 panda-es board with 3.0.8 and 3.0.31 Android kernel. Task focused mainly on bringing up the android home screen and enabling the Audio, Bluetooth, HDMI Graphics, USB, USB Camera and other feather. Enabling audio streaming through Bluetooth A2DP enabled headsets. This task involves changes in config files, code changed in audio and Bluetooth modules of kernel along with the changes in .rc file and some android middleware files.

Responsibilities:

- Leading the porting activity and updating the status on daily scrum
- Requirement analysis and Low level document design
- Configuring kernel as per target board and feature requirements
- Kernel Compilation for target with required feature enabled in kernel
- Code changes in Audio and Bluetooth kernel modules
- Flashing boot loaders and compiled kernel on target board
- Audio playing and Audio Streaming through Bluetooth A2DP headset
- Fixing issues while Kernel Configuration and Compilation

3: LTP Porting for Android Platform(Duration: July-2010 to July 2012)

Linux Test Project (LTP) is an open source project that validate the reliability, robustness, and stability of Linux. The LTP test suite is a collection of automated and semi-automated tests for testing various aspects of the Linux operating system like File System, Memory management, IO, IPC, Syscall, Scheduler and other Linux modules. LTP porting for android platform used Android NDK r4b and cross tool-chain and busybox, bash binaries for supporting LTP to run on Run on Android Target.Porting LTP for various android Platforms namely Eclair, Gingerbread, and ICS.

Responsibilities:

- Analysis of the LTP modules to be ported for Android
- Setup Environment for LTP Porting
- Design and develop Test Cases for Power Management, IPC
- Ported IPC, Memory Management, IO, Syscall, Scheduler modules for Éclair, Gingerbread and ICS Platform
- Creating Patches for the final changes
- Debugging and fixing the issues while LTP porting
- Integration of ported modules with HUDSON server
- Designing test scenarios and development of those scenarios
- Issue Analysis and fixing issues while LTP Executions

4: Performance analysis of Android boot process (Duration: May 2010 to July 2010)

Boot chart is a tool for performance analysis and visualization of the GNU/Linux boot process. Resource utilization and process information are collected during the boot process and are later rendered in a PNG, SVG or EPS encoded chart
Boot chart provides a shell script to be run by the kernel in the init phase. The script will run in background and collect process information, CPU statistics and disk usage statistics from the /proc file system. The performance data are stored in memory and are written to disk once the boot process completes.

The boot log file is later processed using a Java application (or the web form) which builds the process tree and renders a performance chart in different formats.

The chart can then be analysed to examine process dependency and overall resource utilization.

Responsibilities:

- Requirement Analysis

- Setting up the environment
- Creating Boot chart Image for Performance Analysis
- Modifying the boot chart script to show data about various boot process
- Building the Android flashable kernel image with Boot chart flag enabled
- Flashing phone and generating boot chart Image for performance analysis
- Reading and monitoring boot chart data on various builds
- Updating the performance info sheet for the booting processes and CPU and memory uses

5: Test Case Automation using Android Instrumentation Framework(Duration: Feb 2010 to May 2010)

This project is to identify the basic and daily use cases for the Android UI Application and automate these test cases using Android Instrumentation Framework. Using Android Instrumentation framework a application and a test application will be developed and the test application will call the application and captures the test result.

Responsibilities:

- Requirements analysis for identifying the use cases to be automated.
- UI development to create the application and test application
- Building and generating the application and test application
- Integrating and merging the code

6: NCR Fastlane Self-Checkout Terminal(Duration: Oct 2007 to Feb 2010)

NCR Fastlane is built upon a core software platform that has been integrated with several POS applications. The POS vary for client to client. Integration of any POS application is made through the component called Transaction Broker. The Transaction Broker is a unique interface for each customer that permits the integration of the customer's POS with the Fast lane application without the need of modifying the actual POS significantly Tesco, QuickChek, ECI, IKI, Pilot Oil and so many others are leading Supermarket stores in different parts of the world and are the customers using the Fastlane Self-Checkout Terminal. NCR Fastlane is a self-service solution to create a checkout lane that retailers and consumers will want. Self-checkout lanes, which enable customers to bypass slow cashiers and long lines and after customers scan their products and bag them, they take them over to a service desk.

Responsibilities:

- Requirement analysis for new changes,low level document design, feature enhancements, code reviews
- Communicating with product support team,Scope analysis for new features, Ballpark estimation for new RFQs
- Worked on the Transaction Broker architecture
- Fixing of TARs (Technical Action Requests), Updating STAR (Solution for Technical Action Request)
- Integrating POS and Fastlane
- Preparation of Change Requirement document
- Handled alone build and release

(Amar Nath Yadav)