# PARBHAT KUMAR (1) Featured

Software Engineer seeking roles in Software Development Lifecycle, Product Lifecycle Management, Service Delivery Excellence, Technical Architecture, Unit Testing, Requirement Gathering, Stakeholder Management, C++, Visual Studio, SVN, Agile



Current Designation: Software Engineer - Java Total Experience: 8 Year(s) 0 Month(s) Current Company: HCL Technologies Ltd. Highest Degree: M.Tech [IT Program]

Current Location: Pune

Pref. Location: Bengaluru / Bangalore, Delhi / NCR, Pune Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Software Engineer.Software Developer.Software Development Lifecycle.Business Analysis.Product Lifecycle

Management, Technical Architecture, Unit Testing, Requirement Gathering, Stakeholder Management, C++, Visual

Studio, Agile, SVN

Verified: Phone Number | Email - id

Last Active: 21-Jan-21 Last Modified: 21-Jan-21

## **Summary**

Performance driven IT professional with an analytical bent of mind offering over 8 years of experience in spearheading all aspects of Software Development and Quality Assurance across multiple domains

Notable success in managing multiple activities starting from understanding customer requirements, identifying the right technology stack, deriving the right solution, feasibility study, implementation, process stabilization, performance monitoring, resource deployment, stakeholder reporting, solution planning, architectural design, evaluation & solution implementation, scalability, risk assessment & mitigation, migration & transformation and supporting after go-live for Web & Windows Based software applications

## Work Experience

HCL Technologies Ltd. as Software Engineer -Java

Apr 2016 to Till Date

Projects Executed:

Product Name: Teamcenter Product Configurator Period: Feb'17 to Present Client Name: Siemens (PLM R&D Center, Pune) Technologies Used: C++, Teamcenter Product Configurator, Valgrind, Xunit, SwtBot, OpenCPP Code Coverage

Highlights:

Managed end-to-end feature development encompassing grooming with product owner, development, documentation and bug fixing

Major Features include Clear Saved Variant Rule, Clear Saved Variant Expression, Discontinue Revise, Enforce

Uniqueness of Standalone Feature and Variant Criteria at RDMS Level, Persisting Severity with SVR

Provided numbers of API's (structure based and Json based) to get consumed at Active Workspace (web application of Teamcentre)

Implemented multiple BMIDE Changes on different business object based on requirement

Performed different Code Refactoring Activity for improving the design of an existing code base

Successfully added different utility based on customer requirement to support customer in production environment for configurator in C++

Reviewed developer code for proper code coverage, memory leaks and header file included

Executed first cut analysis and delegating Xunit dashboard failures for every build for particular module (Approx. 1500 unit tests implemented)

Undertook various quality initiatives encompassing:

Automated Valgrind tool with unit test suites execution for early stage Performance regression (memory leak) Identification Setup of OpenCPPCodeCoverage tool for generating code coverage of configurator module

Written multiple utilities for analyzing code coverage Report generated by OpenCPPCodeCoverage for more file wise coverage details

Fixing and Delegating fix for all the security vulnerabilities (identified by Coverity) in source code in different releases Enabled Development team for using "include what you use" tool for removing unwanted header file for faster compile

Product Name: Virtual Lab to NX Integration Period: Sep'16 to Jan'17 Client Name: Siemens (PLM R&D Center Pune, From) Technologies Used: C++, CATIA, Virtual Lab, NX, Xerces

Highlights:

Managed the integration of VL to NX

Introduced different xerces based parsing code to import VLab Catanalysis File back in NX

Product Name: Glovious (CAD Visualization Software) Period: Apr'16 to Aug'16 Client Name: RADA Company: Geometric Limited Technologies Used: C++, Zlib, Json, TinyXml

Highlights:

Added various features encompassing: Animation Play Pause Feature Integration of Glovius Output Frame Data Files in Web Application Animation Import, Export Feature in Glovious

#### Peroleumsoft No, as Software Engineer

Sep 2012 to Mar 2016

Projects Executed:

Product Name: Chemplace, Reservoir Simulator Period: Sep'12 to Mar'16 Company Name: Petroleumsoft No Technologies Used: C++, STL, CFD

Roles Across The Career:

Performing the Software Development Lifecycle (SDLC) right from requirement analysis, documentation (functional specifications, technical design), coding, testing & debugging to maintenance of proposed applications using Agile Methodologies

Liaising & maintaining strong relationships with Business Sponsors, Business Owners, Analysts, Developers and Testing Teams

Performing several roles like finding new process, determining gaps in existing process and implementing new processes Conducting detailed analysis of complex business process requirements and providing appropriate system solutions; identifying gaps, interpreting, providing them solutions involving evaluation and definition of scope of project and finalization of project requirements

Addressing filling of RFPs and RFIs, budgeting and building project proposals; executing trend analysis to understand the current trend of the market; delivering RFP responses in multiple geographies

Analyzing impact of change with existing structure and implementing the same on the system with business teams Designing, developing, testing, troubleshooting and debugging the applications; providing post-implementation, application maintenance and enhancement support to the client with regards to the product / software application

Monitoring projects from conceptualization, visualization to technology mapping and final execution of projects while conducting need assessment

Architecting technology-based solutions for enhancing functional efficiency and achieving business excellence Administering the delivery of projects from the stage of initiation till monitoring & control including planning, estimation & scheduling, integrating change control, planning risk responses and contingency planning

Supporting in the program & project progress as per scheduled deadlines for various tasks and taking necessary steps for ensuring completion within time and effort parameters; ensuring zero defects within time, post production support and knowledge transfer

Deploying standard test processes and deliverables (defect management & quality metric reporting) within the gated process to streamline testing, support automation and manual testing efforts

Conceptualizing quality standards for various operational areas, implementing quality systems & procedures to facilitate a high-quality experience, while adhering to the Service Level Agreement (SLA)

#### **Education**

UG: Integrated B.Tech and M.Tech (IT Program) from Indian Institute of Information Technology & Management, Gwalior in 2012

PG: M.Tech (IT Program) from Indian Institute of Information Technology and Management (ABV-IIITM), Gwalior in 2012

### IT Skills

Skill Name	Version	Last Used	Experience
C++			
JAVA			
WINDOWS, LINUX			
PLM, CAD, CAE			
Simulation Software			
Valgrind, IWYU, OpenCPPCodeCoverage			
Coverity, Polarian			
Visual Studio 16			
Eclipse			
Version One, SVN			

## Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				

### **Affirmative Action**

Physically Challenged: No

### **Work Authorization**

Job Type: Permanent

Employment Status: Full time