Zhaofeng Wu

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| Profile |
| 1. Over fifteen years of software development experience in design and implementation of enterprise-scale global systems, with exceptional skills in requirements extraction, domain analysis, system design, development, integration and implementation. 2. Innovative problem-solver with proven leadership strengths in application development, project management, new technology adoption, customer relations and support. 3. Strong technical background on PLM solutions and CAD/CAE/CAT/CAM/PLM application development in automotive, high-tech/telecommunication, and aerospace/defense industries. |
| Professional Experience/projects  Teamcenter Administration   * Install, clone, configure and upgrade multipleTeamcenter environments (Dev, Test , QA and Prod); install and expand volume servers, web server, dispatcher, additional pool servers and FSC caching servers; install and deploy Active Workspace/EWI, 2tier, 4tier clients. * Install, configure and customize Change Management, EBOM/MBOM, Security Solutions(ACL, Project vs ADA), MPP/MRL, CMM, SIMATIC IT, iPEM, ShopFloor Connect DNC, TcRA and T4S. * Install, configure and customize multi-site environment – idsm, ods , develope custom solutions for project assignment, remote export, data sync/share. * Install, configure Teamcenter HTTPS, SSO/Kerberos solutions. * Develop TC codeless customization: ACL, Conditions, Naming Rules, Display Rules, LOVs, Classification, Query Builder, Report Builder, Classification, Audit manager, Project, Command Suppression, Appearance Manager/Updater and PLMXML.   Teamcenter Customization   * TC customization including BMIDE, RAC,AWC, ITK and SOA customization & development * TC Reports: Developed over ten customized Reports including Part Change History Report; Affected Engine Report; ECN/MECN Audit Report (50+ checks, also serves as Workflow Validation Rule Handler); ECN/MECN Approval Report ( solution items, Add/Remove/Qty changes, Supersedures, Disposition Code, Workflow Approval Process: task states, reviewers, decision, quorum and comments); EBOM/MBOM/CADBOM reports. * RAC: Developed customized RAC Forms with table, ComboBoxCellEditor, date control, etc. using SWT/JFace. * AWC: Developed AWC solutions with custom stylesheets, solr index/search, Active Content, Compound Properties. * Dispatcher: Developed customized Dispatcher services (Creo2Step,NX2Step, Drawing2Pdf, Watermark); customized Audit Manager to Log Export Controlled Access * Workflow:   + Workflow design and custom workflow handler development;   + Developed custom interface to add/update ad-hoc signoff reviewers, address lists and quorums.   + Developed fully automated workflow handler to activate and populate review task and reviewers based on ENC change type, Part Attributes, Manufacturing Cells, etc.… * Developed custom IC to enable multiple competing changes, out-of-sequence changes; integrated with CM. * Customized ERP Interface: compare and sync material and BOM to SAP and IFS using ITK and T4S   3DS Envoia   1. MCAD Integrations: led Design Central MCAD customization & global implementation in Sweden, U.S., Japan and China, including IEF configuration, MxUG, MxPro and Derived Output implementation; 2. Sourcing Solutions: led developments of various Enovia/MatrixOne solutions(Souring Central & Supplier Central) for sourcing to automate cost estimate, forecasting and pricing related report generations. 3. Mobile Computing PLM Implementation: rolled out new distributed work model in Mobile Computing team and factories, customize Engineering Central & AEF including ECO, ECI and Exemption implementation.   CAE Integration   1. PLM Solutions: Integrations between Teamcenter and various design tools, including customized POM data model for various data types, Load Management and Results Management; developed new PSE for CAE Bill Of Material; configured workflow for Batch Meshing interface in Teamcenter. 2. Rapid Modeling & Analysis: A fully automated system (Java Swing) to retrieve CAD data from Teamcenter (ITK), cleanup geometry & mid-surface extraction (NXOpen), batch mesh geometries (HyperMesh/TK/TCL) via the parallel computing system (LSF/RMI/MPI/Korn Shell/Perl).   Fulltime Experience |
| ***Williams*** Detroit, MI • 2016 to Present  Solution Architect, TC Admin & Developer   1. Teamcenter admin to install, configure, upgrade, and support various TC environments 2. Architect, develop and support TC solutions: COTS and Custom solutions.   ***IBM*** Hartford, CT • 2009 to 2016  Teamcenter developer, admin & Project manager   * Managed 3+M PW account including customer relation, project financials, forecast & invoice * Provided Level 3 production support, root cause analysis, develop workarounds and solution   ***Sony Ericsson Mobile Communication***  (**Sony Mobile**) RTP, North Carolina • 2008 - 2009  solution manager  **Responsibilities:**   * Supported & led business functions in identifying PLM related requirements and future enhancements. * Supported & led business functions in developing PLM compliant business processes. * Worked with other solution teams to identify integration related issues and develop customized solutions.   ***General Motors Corporation***  Warren, Michigan • 2000 - 2008  Project Manager, Information System & Services  Contract/ConsultinG Experience  ***Nothrop Grumman*** TC Developer  ***Facebook*** TC Deveoper/Admin  ***Pratt & Whitney*** TC Deveoper/Prodcution Support  ***Ford Motor Company*** System Analyst, Manufacturing Eng Systems, DCD and New Model Programs |
| Education |
| **MBA, Kelly Business School, Indiana University** – Bloomington, IN • 2008  **MSME, The University of Toledo** – Toledo, Ohio • 1996 to 1997  **Wayne State University** – Detroit, MI • 2001-2004 (Completed all coursework toward Master of Computer Science) |
| Technical Skills |
| * **Systems/OS**: Unix (AIX, Solaris, HPUX), Linux, Windows. Shell/Batch Scripting * **Database**: ODBC, JDBC, MS Access, Oracle, SQL; NoSql/MongoDB * **Language**: C/C++, Java/Swing/SWT/JFace, .NET , Unix shell languages, TK/TCL, Perl * **J2EE:** JBoss/TomCat/WLS, Spring/Struts2/Hibernate, EJB/JPA/JSF * **Web:** Gwt/Guice/Gin, nodeJS/Express, AngularJS, gulpJS, jQuery,Soap & REST web services * **PLM**: ENOVIA/MatrixOne/MQL/ADK/JPO, Teamcenter/BMIDE/RAC/ITK/SOA * **CAD/CAE**: NX Open/UFUNC, Pro/E, Pro/ToolKit/JLink, HyperMesh, Nastran, LS-Dyna |