JC

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Summary

Accomplished IT professional with background in applications engineering, database administration, and coding/programming (C# .NET). Experienced in integrating IT systems in diverse technical environments. Demonstrated ability in project management resulting in creation of prototype systems as well as design and implementation of customized database and spreadsheet solutions. Proficient in Product Lifecycle Management (PLM) to document workflow status and increase efficiency. Proven ability in troubleshooting and resolving hardware/software system issues. Excels in developing multi-user collaborations, providing end-user training, and delivering support for hardware/software systems. Proven expertise in design, installation, troubleshooting of electrical, electronic, and mechanical systems.

Highlights

C/ C ; QT C ; C# .NET; HTML/ CSS/ XML; Java/ JavaScript; TCL; SQL/ MySQL; VB Script/ VBA. Applications: Visual Studio; TortioseSVN; Subversion; GitHub; Notepad ; Windows 9x, XP, 7, 8, 10; Command prompt "DOS"; Batch files; Siemens NX Open API, Siemens Teamcenter BMIDE; SDS/2 CAD 3D Modeling Detailing System; MS Access; MS Excel; MS PowerPoint; MS Word; Chrome/ IE/ Firefox; DNI Nevada (database); and many other applications. Mobile Advertising: Admob, Adfonic, AWeber, Google Analytics, Mobile optimized squeeze page, Facebook Twitter, and LinkedIn.

Accomplishments

Experience

09/2015 to Current Teamcenter Implementation Engineer Control Tec | Cupertino, CA,

- Supporting configuring style sheets in Teamcenter using XML.
- Supporting SIS PLM sales team with sales engagements for TC, CAM and CAD technical demo support.
- Knowledge of workflow design, Business Modeler IDE, Java programming.
- Works closely with Solution Architect to develop customizations and configurations to support Functional Specifications and Business Requirements.
- Have good written and oral communication skills to interact with the customer on design and testing.
- Programming/Tools: C, C , ITK, Java, SML, Eclipse, XML.

03/2015 to 04/2015 Nx Open API Consultant SpaceX | City, STATE,

- Collected requirements for automation, then created automation solutions with cross-functional teams.
- Designed and implemented solution approaches/road-maps.
- Collaborated cross-functionally to clarify requirements and collect feedback on multiple software and NX automation projects.
- Generated test cases, participated in validation testing, and conducted thorough testing of all development tools prior to deployment.
- Practiced exceptional documentation on all projects.
- Generated estimates based on project requirements.
- Coded NXOpen Programming, Block Styler, UI Styler, C, C# .Net, WinForms.
- Visual Studio 2010, 2012.

09/2012 to 03/2015 Application Engineer Midstate Berkshire | City, STATE,

- Provided C# front/backend programming, project management, and general technical support to Engineering Department in order to designing/manufacturing complex components, assemblies for aerospace, defense, powergen, and oil/gas industries.
- Initiated project to create prototype Product Life-cycle Management (PLM) software through Siemens Teamcenter 10.1 Admin, using Eclipse BMIDE development environment with goals to better document workflow status and increase efficiency of CNC programmers.
- Utilized Nx Open API C# .Net framework to customize Cad / Cam interface for Siemens Nx 9.3., allowing automation of CNC cutting operation settings integrating dialog box to guide users.
- Developed VBA level loading capacity charting system for Engineering Department, merging Microsoft Projects and Excel to achieve significant production increase.
- Provided ongoing support to Engineering Department staff in sourcing, customizing, maximizing functionality and achieving a common platform.
- Introduced OneNote for free-form information gathering and multi-user collaboration, including building customized OneNote-based knowledge base for instant sharing with development team.
- Evaluated Teamcenter MRL module, subsequently selecting TDM tool, saving $20K.
- Built custom machine tool post processors, using Nx Post building, TCL language to output efficient and productive machine tool code.
- Worked as a member of the post building team developing TCL code for 3 and 4 axis (Mazak, Makino) CNC machines.
- Wrote custom UDE's and templates to network the resources in the Engineering department.
- Initiated sourcing techniques with TCL.
- Developed technique to test TCL code within Notepad and debug gcode in Notepad .

- Introduced my own tracing technique with UDE's to test TCL proc output.
- Developed C# application to convert older post source code to TCL code.

05/2011 to 09/2012 Precision Access Technician Exactitude | City, STATE,

- Installed and troubleshot with multimeter, repaired electronic access control, and related security products, including alarm, badging, CCTV, Installed DC/AC power supplies and electrified door infrastructures.
- Reviewed design specifications, then completed and tested field installations to achieve seamless functionality and integration of PC, LAN, WAN based systems.
- Performed system troubleshooting remotely through accessing IP address gateways.
- Selected for position based on IT background to develop specialty customer relational database, ultimately focusing on troubleshooting system hardware and software Sielox Pinnacle database.
- Developed Access database to document specifications of completed system installations.

Education
Expected in to to Graduated Boothbay Region High School, 1983. Post Building Techniques, Siemens, 2013. Application and Data Model Administration, Siemens, 2015. Using Teamcenter: Certificate of Completion, Siemens, 2015. Teamcenter Installation: Certificate of Completion, Siemens, 2015. C Certificate of Completion: VTC Online University, VTC.com, 2013. Computer Technician: Certificate of A Core Service Technician, Vtec, 2000. Computer Technician: Certificate of A DOS/Microsoft Windows Service Technician, Vtec, 2000 | , , GPA:
Skills
C# .NET, A , Advertising, API, Architect, automation, C, C , CAD, Cad / Cam, CAD 3, clarify, com, oral communication, Computer Technician, hardware, CNC, CSS, database, DC, designing, dialog, documentation, DOS, Eclipse, XML, Functional, gateways, Google Analytics, HTML, IDE, INFORMATION TECHNOLOGY, IE, IP, Java, Java programming, JavaScript, LAN, machine tool, access, Access database, MS Access, C#, MS Excel, Excel, MS PowerPoint, Windows 9, Microsoft Windows, 2000, MS Word, Works, Modeling, multimeter, MySQL, network, Notepad, oil, page, PLM, power supplies, powergen, processors, Programming, project management, relational database, sales, Siemens, SQL, style sheets, TCL, TDM, technical support, Technician, troubleshooting, validation, VB Script, VBA, Visual Studio, WAN, workflow, written