Ciro Di Rosa

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SUMMARY

Results-driven Business Process Analyst with a proven track record of maintaining quality on vetting Customer Bill of Material (BOM) and Drawing package imports across multiple systems. Proficient in assessing, comparing, and standardizing Customer packages using customized reports and converters. Skilled in leveraging Excel VBA, scripting, Java, and SQL/MQL to meticulously cleanse and maintain production data quality. Applied expertise in data flow and integration to swiftly identify and remediate severe incident tickets across middleware, Product Lifecycle Management (PLM), Enterprise Resource Planning (ERP), and shop floor systems. Experienced in coordinating project management activities for enterprise-level BOM management projects, ensuring stable, accurate and cost-effective solutions across all sites in three different geographies. Directed complex multi-platform data migration activities with an extremely high level of accuracy.   Recognized for driving Lean Six Sigma initiatives and ensuring process compliance within FDA medical and Aerospace and Defense sectors. Committed to continuous learning in data management techniques.

TECHNICAL SKILLS

- **Platforms**: PLM Dassault ENOVIA/3DX, SAP ERP (ECC), SAP PI/PO, MySQL, Oracle SQL Developer, Microsoft Office Suite, Git, Jenkins CI/CD
- **Programming Languages**: SQL, TCL, MQL, Java, Javascript and Excel VBA
- **Testing Tools and Frameworks**: Selenium WebDriver, TestNG, Postman, JMeter
- **Test Management**: JIRA / Zephyr Enterprise
- **Other Skills**: Agile methodologies, ISTQB testing techniques, AODA/WCAG Standards, Lean Six Sigma principles, FDA Process Validation practices

PROFESSIONAL EXPERIENCE

Celestica International Lp, Toronto, ON

Business Process Analyst   2010 – 2023
- Facilitated project management activities for enterprise-level solutions across all sites in three different geographies (Americas, Europe and Asia).
- Developed, debugged and revised reports and converters to process Customer BOM packages received from Customers.
- Leveraged scripting, java and sql/mql to meticulously cleanse and maintain production data quality when, especially when the team encountered corrupted data.
- Applied expertise in data flow and integration to swiftly identify and remediate severe incident tickets within 6 hours across middleware, PLM, ERP, and shop floor systems.
- Developed within budget PLM toolset solutions to improve BOM data transformation quality and reduce turnaround time (TAT).
- Collaborated with global developers, cross functional teams and stakeholders to validate and maintain process requirements for FDA medical and Aerospace and Defense sectors.
- Managed server scheduled Cron job programs which facilitated data management activities.
- Directed complex multi-platform data migration activities with exceptional accuracy.

- Led a Lean Six Sigma project to transition Aerospace and Defense compliance paperwork to a 100% paperless process, reducing inefficiencies.
- Received commendations from Supply Chain Management for driving data flow quality excellence throughout ERP and shop floor systems
- Recognized by Product Data Management for achieving efficiency improvements of up to 40% within the PLM application process.

Product Data Change Analyst - Team Lead   2006 – 2009
- Conducted thorough Customer BOM and Drawing comparisons to ensure accuracy against the Engineering Change Document.
- Managed resolution discussions upon package discrepancies between Customer, Engineering, Planners and Buyers
- Utilized Excel and VBA extensively to standardize BOM files.
- Imported Customer BOM, Gerber/CAD and Drawing packages into PLM systems
- Ensured compliance with Date Code, Screening, Aerospace and Defense SPOC requirements, reflected on the Approved Manufacturing List (AML).
- Collaborated on PLM and ERP platform upgrade projects, successfully addressing challenges related to mass data extractions and corrections
- Advised on efficient UI enhancements, contributing to high user adoption rates.

Component Analyst   2000 – 2006
- Validated Component drawings for Manufacturing Part Number (MPN) orderability
- Facilitated discussions with product management, suppliers and buyers when the orderable MPN does not meet the customer's specifications or end of life
- Registered the correct Approved Manufacturing List (AML) with standardized Supplier names for purchasing.
- Provided alternative supplier MPNs for catalog items to meet the requirements and deadlines

Debug/In Circuit Test - Team Lead   1999 – 2000
- Debugged In Circuit Test (ICT) failures with Schematic diagrams to solder any missing or damaged components
- Led the Debug/ICT team to consistently maintain minimal debug Work In Progress (WIP).

EDUCATION

Centennial College of Applied Arts and Technology, Toronto, Canada
Computer Systems Technology   1995- 1999
- GPA 4.19 with honours
- The Carole and George Fletcher Foundation Scholarship for academic excellence.

LICENSES & CERTIFICATIONS

- **100 Days of Code: The Complete Python Pro Bootcamp -** Udemy, **(Pending)**
- **The Ultimate MySQL Bootcamp:** Go from SQL Beginner to Expert, Udemy, **(March 2024)**
- **Data Structures and Algorithms:** Deep Dive Using Java, Udemy, **(March 2024)**
- **Selenium WebDriver with Java -Basics to Advanced+Frameworks,** Udemy, **(February 2024)**
- **2024 Software Testing Bootcamp,** Udemy, **(January 2024)**
- **Java Programming: Arrays, Lists, and Structured Data,** Coursera/Duke University, **(May 2018)**
- **Java Programming: Solving Problems with Software (with Honors),** Coursera/Duke University, **(April 2018)**

- **Foundations with JavaScript, HTML and CSS (with Honors),** Coursera/Duke University, **(March 2018)**