<u>RESUME</u>

Akhil Arigela (TC & NX Customization)   Phone No: +91-9652937324

PROFESSIONAL EXPERIENCE

- ❖ I Had an overall 5 Years of experience out of which,
- ❖ Since from the December of 2021 to till date working at LTTS as a PLM and CAD Developer.
- ❖ 6 Months of experience at Radiant Systems (To LTTS) from June-2021 to Dec-2021.
- ❖ 2.25 Years of experience at Autokiniton Global Group on NX Customization, FEA, and CAD support for few projects. From March-2019 to June-2021.
- ❖ 4 Months of experience as a Quality Engineer at Bondada Engineering Pvt. Ltd. (Mfg. unit) From Aug-2018 to Dec-2018.

PROFILE SUMMARY

- ❖ Teamcenter Functional (Structure Manager, Classification Manager),
- ❖ RAC Administration (Query Builder, Access Manager, Workflow, Organization),
- ❖ BMIDE Configuration (LOV's, Intelligent Numbering Pattern, GRM Rules, Deep Copy Rules),
- ❖ ITK Customization, Batch Utilities.
- ❖ Teamcenter Server Customization (Custom Exits and BMIDE Code full customization (Workflow Handlers, Method Message Customization, SOA, Custom SOA)),
- ❖ RAC Client Customization (Eclipse SWT and JFace (UI elements)),
- ❖ Due to Proficiency in both NX and TC Customization's, taken an active role in tools which were interlinked with each other software.
- ❖ Integration of the TC (REST)Web APIs.
- ❖ Expertise in NX Customization using NX APIs (UFunc) and NXOpen.
- ❖ Expertise in developing User Interfaces using NX Block Styler, WinForms.
- ❖ Providing end-to-end solutions on Design Automation for Reputed Global Customers.
- ❖ Strong technical competencies in formulating design rules in master model.

SOFTWARE PACKAGES

- ❖ PLM Application: Team Center (BMIDE Code full and code less Customization, RAC Administration and Customization, ITK, SOA, Batch Utilities, Style Sheet Configuration).
- ❖ Web Application: HTML, CSS.
- ❖ Data Handling: Bitbucket, Jira, Confluence.
- ❖ CAD APPLICATIONS: UG NX, SolidWorks, CATIA, Creo.
- ❖ CAD Customization API Tools NX Open, UFUNC, Solid Works, Creo.
- ❖ Plant SUPPORT: IMDS, Die detailing, Press Modelling.
- ❖ Software Development tools C#, Python 3.8, VB.Net, C/C++, Java.
- ❖ Excel Macros & VBA

KNOWLEDGE PROFILE

- ❖ Due to the expertise in TC and NX Customization, played an active role in various tools which were interlinked. Starting from gathering the requirements and Mapping to PO's.
- ❖ Integration of TC Web API's and accessing it. Used for accessing the data from Teamcenter and Handling it in NX.
- ❖ Automate the repetitive design tasks. And making the CAD software intelligent by incorporating the customer's design rules and logic.
- ❖ Worked with C#, vb.net, C/C++, Java to Customize the CAD Software.
- ❖ Enhancing the existing code as per the user requests.
- ❖ Working closely with the product development team, recommended design improvements.
- ❖ Performed various roles as QC.

Areas of expertise:
Good knowledge on PLM + CAD Customization + Programming + Design + Production + Quality Control + various plant support activities. Due to this knowledge developed tools were utilized in various levels of Product Development.

AUTOMATION PROJECTS OVERVIEW:

Piping MBD Tool (TC Customization [Workflow]).	This Tool is developed to generate an Engineering Technical Data Package by implementing the workflow handlers.
Add Reviewers (TC Customization [RAC])	By RAC Customization (UI), Tool will go through all the Items from file and will fetch the all the top level assemblies data.
Parameter Migration Tool [SolidWorks (C#) to Creo(C/C++)]	Enhanced the tool, to get the data from SolidWorks and Updating the parameters in Creo part from windchill workspace.
Pipe Automation Tool (Routing Mechanical App.)	This Tool is developed to have all the possible activities related to Pipe into a single tool. This project consists of Creation of Pipe (from Ports position and Direction, Dimensions from TC Classification values) + Assembly Generation + Drawing Generation along with Preview, Create and Update scenarios.
Update Component Tool (Routing Electrical App.)	This tool is used to replace all the old components with new components by maintaining the electrical connections.
Sheet Metal Automation Tool (Sheet Metal App.)	This Tool is developed to have all the Possible actions related to sheet metal. This Project Consists of PMI Views + Accessing the TC Classification data+ Generation of drawings for Sheet Metals.
O-Ring Groove Automation (Modelling App.)	This Tool is used to create / Update the various types of Grooves with respective to the provided dimensions.
Drawing Generation (Drafting App.)	This Tool will automate most of the drawing creation process such as Generating views and Positioning + Co-Ordinate Table + Balloon / Notes at bends and components + Title Block + Custom Symbols + Dimensioning such.

EDUCATIONAL QUALIFICATION
- ❖ B.E Mechanical Engineering (2018) Rajeev Gandhi Memorial College of engineering and technology, With 73%.
- ❖ HSC (State board) (2014) in Board of Intermediate Education, AP with 84%.
- ❖ SSLC (State board) (2012) in Board of Secondary Education, AP. With 8.8 CGPA

Certifications
- ❖ Participated and procured a certificate in Automobile Engine Dis-assembly / Assembly workshop.
- ❖ Completed the Basic Technical Training at Trident Hyundai Training academy.
- ❖ Trained on PYTHON 3.7 for Automation.

PERSONAL DETAILS
- ❖ Father's Name - Arigela Venkata Ramanaiah.
- ❖ Date of Birth - 13-07-1997.
- ❖ Nationality - Indian.
- ❖ Languages Known - Telugu, Hindi, and English.
- ❖ Notice Period – 3 Months (Negotiable).