



AVINASH RM

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Seeking higher level assignments to perform and enhance my learned skills

PROFESSIONAL SUMMARY

- Electronics and communication Engineering graduate with rich experience in **Engineering/product life cycle change order and Visual Basics for applications (VBA)**.
- Currently working with **Lam Research** as **Product Change Analyst II**. (Since Nov'2020)
- Previously worked with **Flextronics** as **Product Engineer in Manufacturing Product Data Management**. (Since May'2018)
- Experienced in working with NDA customer in **Agile PLM/iPLM/ & SAP/BAAN ERP system** for Change Order creation, reviewing, routing, tracking, releasing and Marinating spares.
- Additionally, **Develop VBA Automation for various activities** to maintain 100% accuracy and reduce cycle time reduction in process execution.
- Experience in CF/CV training on Engineering Change Order process in production line.
- Successful **transitions of multiple Operations from US Clients** to GBS through offsite.
- Proven ability to **develop available resources to drive and deliver financial business results**.

SIX SIGMA / KAIZEN PROJECTS AND SAVINGS

Internal kaizen workshop: TAT Improvement projects for US Customer

Reduced the process time by 65% - 540 mins to 245 mins (Savings - 5hr/ week)
 Increased Completion of projects within Service level agreement (SLA) - 72% to 97%
 Increased 32% of Accuracy in the process - 78% to 95%
Total Head Count (THC) savings (Cost Avoidance) – 4.5 HCs

Small group activity workshop: Cycle Time Reduction and OTD Improvement project

Reduced the process cycle time by 50% - 680 mins to 340 mins (6hr/ week)
 OTD improvement by 15% - 85% to 100%
Total Head Count (THC) savings – 3 HCs

EXPERTISE

Product/process Data Management
 Spares Management
 Design BOM, Mechanical parts, Board Assy and FGs
 Continuous Improvement - IKW/ SGA/ Kaizen
 Manufacturer/Purchase materials

PLM - Oracle Agile, iPLM, Arena and Omnify Tools
 ERP – BAAN and SAP
 Visual basics for automation (VBA/Web VBA)
 Material Assessment Tracker/ product tracker
 FMEA, CP and other DMS Documents

RESPONSIBILITIES & TASK HANDLED

❖ As Product Data Engineer –

- Experience in **Creating Part/Product Number, Bill of Material (BOM) Structure for PCBA and Mechanical Assemblies** in AGILE PLM.
- Routing **Electronic Change Orders, Manufacturing Change Orders, Deviations, stop ships & Purge** and performing both NPI (New Product Introduction) and SUSTAINING product changes.
- Use **Agile PLM and BAAN ERP system** for ECO (Engineering Change Order) creation, reviewing, routing, tracking, releasing and distribution.
- **Validating Baan data** with the PLM data base to maintain 100% accuracy.
- Structure BOM for Mechanical parts and prepare work instruction for downline
- Respond to Business Partner and customers on queries relating to **Engineering and Design Change Orders**.
- Work closely with Program management team and material planner team to review product updates / modifications.
- Analyzing various processes / applications and recommending process modifications to enhance operational efficiency and creating documentations and necessary trainings for changes implemented.
- Providing Operational efficiency support on day to day activities by setup and maintain the integrity of **BAAN master data information** for effective business transactions.
- **Creating and updating Approved manufacturers list (AML) and Manufacture Part Number (MPN)** for the Part/Items.
- **Handling the audit related documentation** and evidence maintenance for the process per every quarter.
- Managing customer complaints and ensuring quick resolution of stake holder's issues.
- Rollup of information on new **business performance, client presentation** and establishing escalation paths to upper management.
- Maintaining reports for ECN /PNR (Part Number Request) volume daily / weekly / monthly for Customer and internal projections.

❖ As NPI Process Engineer –

- Handle Business Partner/customers on queries relating to changes in **Engineering and new Design Change Orders**.
- Responsible for nomenclature based New Part Number creation and BOM ECN change and replacement.
- Determine and create the **Size and Structure files** of the PCB/PCBA or other Assembly boards from Gerber.
- Study the ECOs / Drawings and coordinate with the Cross Vertical Teams for NPI board BOM and AML creation.
- Find critical and non-critical issues from purchase component manufacturer to prepare **Approved Manufacturer List**.
- **Prepare Work instruction and process instruction files** for downline.

❖ As a VBA developer –

- **Develop MACROs** as per the customer needs and internal needs to reduce the turnaround time (VBA).
- **Automate the manual procedures** by implementing new ideas through VBA and RPA
- Created user friendly **VBA based Applications (Apps/Tools)** for Internal needs.
- Analyze to Eliminate the manual process by implementing the Robotic Process Automation and Web based VBA project.
- **Auto trigger E-Mails with data/Report** to customer or Internal teams for regular activity.
- SPOC for Continuous improvement in process – **RPA Automation**.

ADDITIONAL RESPONSIBILITIES –

- SPOC on DMS to maintain SOP, QCL, FMEA, CP, HLD, SOW and other major process documents
- Mentoring the team to follow the SOP's on the process and update it regularly on every change.
- Updating the **FMEA and Control Plan** frequently to meet the Accuracy.
- Ensuring the team to meet the Accuracy level and On-Time Delivery on a Weekly / Monthly basis.
- **GBS E&Q process representative for the CFT meetings** in Site (For Arena tool customers /Ciena Corporation/ F5 Networks/Citrix Systems/Palo Alto Network customers)
- Weekly Reviews and analyzes on the performance reports with Team Lead and PPMs.
- Participates in client / internal review calls and handles process escalations from GBS side.
- GBS Flex E&Q Team captain for Digital transformation

ACHIEVEMENTS

- ❖ **State level** Chess player - Twice and Regional Level (1 winner & 2-time runner up)
- ❖ **Certified lean Green belt Holder** for successful completion of **Six sigma Project**.
- ❖ **Titanium Award holder** for leading an initiative (At Flex, India).
- ❖ **Platinum Award holder** for initiating and reducing the time to execute the project (At Flex, India).
- ❖ Received several **Pat on the Back Award** for quick learning of process and supporting during BCP (At Flex).
- ❖ Participant at "MY FLAG MY INDIA" WORLD RECORD event (**Guinness record - Dec 2014**)
- ❖ Finisher of **20 km Marathon**, held at Kanchipuram (July 2015)
- ❖ Stuart of Mini marathon held at IIT-CHENNAI Campus (2016, 17 & 18)
- ❖ Currently an active rotary club member and Ex - Rotaract president of DCE college (2017 - 2018).

ACADEMICS

COURSE	INSTITUTION	UNIVERSITY / BOARD	YEAR OF PASSING	AGGREGATE
B.E ECE	Dhanalakshmi College of Engineering, Chennai.	Anna University	2018	68
HSC	Holy cross Mat Hr. Sec. School, Salem.	State Board of Tamil Nadu	2014	82
SSC	Holy cross Mat Hr. Sec. School, Salem.	Matriculation	2012	87

COMPETENCIES

- ❖ Fast learner & Smart worker.
- ❖ Work effectively with diverse groups of people.
- ❖ Adapt well to changes, result oriented.
- ❖ Good Communication/Presentation skills and Analytical skill.

PERSONAL PROFILE

Father's Name : RAMANATHAN AL
Sex : Male
Date of Birth : 17-10-1996
Languages Known : Tamil (R-W-S) & English (R-W-S)
Address : No.3/1086, A4, Velangani Teachers Shelter, Madha Nagar 8th Street,
Madanandapuram, Chennai-600125.
Valid Passport : Yes

DECLARATION

I hereby declare that the above details furnished by me are true to the best of my knowledge and belief.

Place: Chennai

Date:

Yours sincerely

AVINASH RM