



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>B.E ECE</b>	Dhanalakshmi College of Engineering, Chennai.	Anna University	2018	68
<b>HSC</b>	Holy cross Mat Hr. Sec. School, Salem.	State Board of Tamil Nadu	2014	82
<b>SSC</b>	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 8<sup>th</sup> 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