

PSA

P.S.ARUL RAMALINGAM

Senior Technical Person / Mobil No - 7019788496 /
EMAIL ID - arul_ramalingam2006@yahoo.com

OBJECTIVE

seeking a Position to utilize my skill and abilities in the field of manufacturing and or Production that offers growth while being resourceful Innovative and flexible.

PERSONNEL SKILLS

I have comprehensive problem solving abilities, excellent verbal and written skills, ability to deal with people diplomatically and the willingness to learn.

COMPETENCIES

Vision, Mission & Strategic Planning, Time Management, Resource Balancing skills, Delegation of Responsibilities , Quality Assurance, Prioritization of work, Training & Development, Team Leadership.

EXPERIENCE - Total - 37 Years :-

LG Balakrishnan Bros & Limited - Coimbatore

GM - New Product Development - Incharge - 2011 - 2020 - 9 Yrs.

- Fine Blanking Parts development from 100 T to 1000 T;
- RFQ - Export & Domestic - Part Quotation / Technical Feasibility report / Customer Tech Review
- New Part Development - Sample to Mass Production / PPAP Documents / Customer Run@rate audit.
- 2 wheeler / 3 wheeler / 4 wheeler - Transmissiob parts / Engine Parts / Door Parts / Seat Slider Parts - Development.
- Electrical Parts / Textile Parts development

Applicom (Videocon) Limited - Bangalore

Sr.Mgr - R& D Head - 2009 - 2011 - 1.5 Yrs.

- Refrigerator - Direct cool / Frost Free all Model - Parts drawing & cost control / All stage BOM control / SAP & Physical parts consumption control .
- Existing Direct Cool / Frost Free model upgradation / Energy Star rating / New Handle / LED introduction
- New Direct Cool model - C195 / C215 model developed
- All model cost reduction project handling
- All tools & moulds - modification / upgradation handling

LG Balakrishnan Bros & Limited - Coimbatore

Sr. Mgr. - Corporate Tool Room - Incharge - 2008 - 2009 - 1.5 Yrs.

- 5 Chain Plant - Chain Plate tools dvelopment and Tool Spare supply & monitoring
- 5 chain Plant - Chain assly - SPM - production spare parts supply / Bush curling M/C spare parts supply.
- Chain Plate - Progressive tool - High speed - 320 SPM made
- Silent chain - Progressive tool development & production tool supply to chain plant.

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EXPERIENCE - Total - 37 Years :-

BS Refrigerator Ltd - Bangalore

Sr.Mgr - 1990 - 2008 - 18 Yrs.

- Pre Tooling Supervisor - Tool Room - M/C shop Incharge - 3 Yrs.
- Technical Executive - Tool Room - Planning & Sub cont. - 3 Yrs.
- Deputy Manager - Tool Room - Planning / Purchase /Sub.Cont - 4 Yrs
- Manager - Refrigerator Tool Maintenance Incharge / Production Engineering - Asst. In charge - 3 Yrs
- Sr.Manager - Tool Room & Moulding - Marketing Incharge - 5 Yrs.

NTTF - Vellor - Tamil Nadu

Sr.Supervisor - 1983 - 1990 - 7 Yrs.

- Trainee Supervisor - Tool Room Machine Shop - 1 Yrs.
- Supervisor - Tool Room Special Purpose M/C's - 3 Yrs.
- Sr. Supervisor - Tool Room - GPM & Special Purpose M/C's - 3 Yrs.

CARRIER ACCOMPLISHMENT

- ❖ Design Concept for Plastic Injection Moulding
- ❖ Design Concept for Press Tool
- ❖ Design Concept for Vacuum Forming Mould
- ❖ Plastic Part cost Estimation.
- ❖ Sheet Metal Part cost Estimation.
- ❖ Vendor Development
- ❖ Concept of Wooden Pattern Development
- ❖ Aluminium Gravity Casting development
- ❖ Powder Coating process Improvement
- ❖ Soft PVC Extrusion process Improvement
- ❖ Vacuum Forming Process Improvement
- ❖ ISO Practice / IATF 16429 - Auditor
- ❖ Product Design Development for Sheet Metal & Plastic

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WORKING EXPERIENCE - 37 Years :-

Area Of Working	Activity Details	Execution Details
TOOL ROOM	Starts from Mould Design, Tool Design , Vacuum forming	All type Plastic Injection Moulds
	mould design, All type press tool design /	Press Tool / SPM- Hydraulic press tool
	RM procurement / Pre - Tooling / GPM machine shop /	Vacuum forming moulds
	Sub-contract / Vendor Development / Purchase / CNC	High speed Progressive Tool (320 SPM)
	Machine shop / Tool Assembly / Tool Maintenance / Tool	High precision progressive tool, Silent chain tool,
	trial / Tooling Marketing / Tool Cost estimation / Capital	Chain link assly, chain assly tools, Bush curling tools,
	Tool room / Corporate Tool room operation under 6 units	Cold forging tools,
	Fine Blanking Tool manufacturing	Fine blanking tool 160 T - 1000 T ,
		Secondary tool like bending / coining/naming/
INJECTION MOULDING	Production Control / Moulding without defects /	Plastic Injection Moulding activity from 50 T to 1300 T
	Component rejection control / RM utilisation / Plastic	Plastice Material PP,ABS, Nylon,HIPS,GPPS,PS,
	component cost estimation / Mould Maintenance /	Two plate mould/Thress plate mould / Hot sprue
		mould / Hot runner mould /
TOOL MAINTNENCE	Starts from Press tool / Bending tool / SPM Hyraulic press	Refrigerator Cabinet & Door Vacuum forming mould
	tool / Vacuum forming mould - cabinet / Vacuum forming	REGO - Machine - 9 models , 8 door jigs , 16 cabinet
	mould - door / PUF jig - Door & Cabinet /	jigs / cabinet SPM tool - 150 T / Door Piercing tool -
		100 T / Door Bending press break (Hyd) 80 T /
MOULD MAINTNENCE	Plastic Injection mould flash correction / Shot filling / mould	Plastic Injection Moulding activity from 50 T to 1300 T
	finish / mould jam / over moulding / runner catch /	Plastice Material PP,ABS, Nylon,HIPS,GPPS,PS,
		Two plate mould/Thress plate mould / Hot sprue
		mould / Hot runner mould /
TOOL ROOM - MARKETING	Electrolux ; vediocon; Pricol; TATA advanced material;	Refrigerator - Door / Cabinet Vacuum forming mould;
	Injecto Plast ; Applicom; whirlpool; sumi motherson -CMTI;	SPM - press tool for Cabinet/ Door ; Door puf jig/ Cabinet puf
	TVS rubber - Madurai; Arako - Toyota	jig; Plastic Injection mould - 50 Ton to 650 Ton; Carbon Fibre
		mould - TATA; Arako - Innova rear fender vacuum forming
		mould,
PLASTIC INJECTION MOULDING - MARKETING	Applicom - Referigerators Parts ; Souther Bateries ; Pricol ;	Applicom - Refrigerator parts; Washing machine parts;
	UPS Bateries - cover ;BPL - Space station ; BPL - Speaker ;	Southern Bateries ; Helmet parts; Bright brothers crates;
	BPL - Recharble landren , Bright Brother - Pondy;	Pricol - Dash board parts; BPL - Desktop - speaker parts;
	Globe - Helmets ;	BPL - Recharble landren all parts ,
PRODUCTION ENGG. DEPARTMENT	Production area in Refrigerator Cabinet Vacuum forming /	Refrigerator Cabinet & Door Vacuum forming mould
	Door Vacuum forming / Door PUF / cabinet PUF / Cabinet	REGO - Machine - 9 models , 8 door jigs , 16 cabinet
	seaaling / Door sealing / compressor fixing / Evacuation /	jigs / cabinet SPM tool - 150 T / Door Piercing tool -
	Door fixing / Cabinet ageing / Cabinet packing	100 T / Door Bending press break (Hyd) 80 T /
	Production improvement / method improvement / jigs &	
	fixture introduction / cycle time reduction / rejection	
	reduction /	
PRODUCT DEVELOPMENT INCHARGE / TECHNICAL HEAD	New Product Development - 3D model creation for cabinet,	Frost free 350ltrs 3 door / 400 ltrs 2 door / 270 ltrs
	Door, sheet metal component, Plastic parts , New model	2 door / 195 ltrs 2 door / 200 ltrs 2 door / 350 ltrs
	introduction - Refrigerators/ New Fine Blank component	2 door bottom freezer / 235 ltrs 2 door MF duct /
	Development	300 ltrs 2 door MF duct / 230 ltrs 2 door MF duct /
		Direct cool 180 ltrs / 185 ltrs / 190 ltrs / 195 ltrs
		170 ltrs / 175 ltrs / 190 ltrs / 210 ltrs / 310 ltrs
		Frost free model - New Handle introduction /
		Direct cool - Door lock introduction /



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WORKING EXPERIENCE

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R & D - REFRIGERATORS	All component drawing control / BOM control with costing /	235 ltrs 2 door MF duct /
	all stage BOM control / SAP & Physical parts consumption with	300 ltrs 2 door MF duct / 230 ltrs 2 door MF duct /
	production control / New product development / Existing	Direct cool 180 ltrs / 185 ltrs / 190 ltrs / 195 ltrs
	model upgradation / New handle introduction / Parts	170 ltrs / 175 ltrs / 190 ltrs / 210 ltrs / 310 ltrs
	modification for improvement / Cost Innovation for BOM	Frost free model - New Handle introduction /
	overall cost reduction / ECN control / All component drawing	Direct cool - Door lock introduction /
	upgradation / Part Assurance Test Design (Endurance test	
	condition) for critical component / Energy efficient Star	
	rating improvement through system improvement (3 star to	
	4 star, 4 star to 5 star)	
FINE BLANKING NEW PRODUCT DEVELOPMENT	Fine blanking tool 100 T - 1000 T ,	Total Parts Developed - 276 nos.
	RFQ - Export & Domestic - Part quotation / Technical Feasibility	Additional Process Developed - Double Disc Grinding /
	Report / Customer Tech Review / Part Development - Sample	Vertical Injection Moulding / Part Starightening / Drilling &
	to Mass Production / PPAP Documents / Customer Run @ Rate	Tapping - SPM / Part Assly - Reviting / Secondary Tool Design &
	Audit / Customer visit / Company Presentation	Manuafacturing / Vendor Development / Process
	2 wheeler / 3 wheeler / 4 wheeler - Transmission	Improvement / Part Design development / Proto Sample
	parts , Door Parts ; Seat Slider parts;	Development / CNC Turning / CNC Milling / Heat Treatment /
	parts , Engine Parts, sprockets , Electrical Parts,	Hard Machining / MIG / TIG / Laser Welding / All Type Plating /
	Textile parts,	Coating

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.