

PREMKUMAR S RAMACHANDRAN •

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RESEARCH & DEVELOPMENT | SUPPLY CHAIN STRATEGIES | OEM MANAGEMENT

Achievement oriented and highly effective engineering professional with over 12 years' proven experience in spearheading research & development, subcontract manufacturing as well as high impact program management. Highly knowledgeable in overseeing outsourced manufacturing operations with an eye for achieving engineering breakthroughs. Known as a creative team leader with solid experience in performing under tight deadlines and budgets. Confident, objective and professional in going beyond boundaries to achieve excellence.

CORE COMPETENCIES

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|--|---|
| <input type="checkbox"/> Business Partner Management | <input type="checkbox"/> Subcontract Management |
| <input type="checkbox"/> Product Characterization | <input type="checkbox"/> Cost Saving Initiatives |
| <input type="checkbox"/> Measurement System Analysis | <input type="checkbox"/> Supply Chain Management |
| <input type="checkbox"/> Instrumentation | <input type="checkbox"/> Team Management |
| <input type="checkbox"/> Lean Manufacturing | <input type="checkbox"/> Technology Transfer |
| <input type="checkbox"/> Process Optimization | <input type="checkbox"/> Tender Management |
| <input type="checkbox"/> Project Management | <input type="checkbox"/> Total Quality Management |
| <input type="checkbox"/> Six Sigma Methodology | <input type="checkbox"/> Yield Improvement |

CAREER HIGHLIGHTS

- Achieved USD1million in cost savings via the reduction of gold coating thickness used in the production of Transmissive Family products.
- Played an immense role in the smooth transfer of the Reflective Series while saved USD1million in the process.
- Spearheaded the new product transfer and setup from PCAT to Scenic Drive valued at USD10million.
- Successfully ensured ZERO product claims from product delivery and quality issues.

WORKING EXPERIENCE

Avago Technologies Manager / Specialist

May 2006 – Oct 2013

- Directed and managed a team of professional managers as well as engineers in overseeing subcontract management of two product series generating USD26million in revenue annually.
- Managed various high value projects in meeting the Business Unit revenue, profits and quality targets.
- Led various product transfers from customers design center while established manufacturing processes in contract manufacturer location.
- Managed and monitored outsourced manufacturing while spearheaded continuous cost reduction and engineering improvement initiatives in maintaining quality standards.
- Ensured best price in high quality of service in finalizing tenders while ensured delivery commitment of over 95% from appointed contract manufacturers.
- Led process optimization and yield improvement through Total Quality Management, Six Sigma Methodologies and Lean manufacturing models in controlling costs.
- Ensured excellent supply chain management and availability of resources for product manufacturing.
- Orchestrated complete organizational restructuring in optimizing the overall operational structures.
- Coached and mentored subordinates in professional development and personal growth.

Agilent Technologies

May 2002 – May 2006

Senior R&D Engineer (Mar 2004 – Mar 2007)**R&D Engineer** (May 2002 – Feb 2004)

- Instrumental in sealing the collaboration between Ecole Polytechnique De Lousanne Federale of Switzerland (EPFL) to obtain the rights in producing the highest resolution and accurate magnetic encoder solution with lowest power consumption and cost in the market.
- Took the challenge in producing a working prototype on linear encoder through collaboration with Centre Suisse d'Electronique et de Microtechnique (CSEM) of Switzerland within 1 month.
- Successfully designed the Reflective Encoder Series for Hewlett Packard (HP), Toshiba and Samsung CD/DVD labelling system (LightScribe Program), generating over USD16million in revenue annually.
- Spearheaded the design and development of the world's smallest and highest resolution optical reflective encoder.
- Successfully led the various critical and high profile projects of winning designs within tight schedules enabling greater penetration of subsequent customer programs.
- Achieved the division's first breakthrough in camera phone application design.
- Successfully designed and developed the contamination robust Transmissive Encoder Path-finding for HP.
- Instrumental in developing the low cost Transmissive Encoder to penetrate and compete with China made products on a global stage.

Solectron

Jan 2000 – Apr 2002

Process Engineer

- Carried out various process optimizations including PCBA, wave soldering and solder past printing
- Led new process setup, new part qualifications as well as cost down activities.

SPECIAL MENTION

Patents granted:

- US 7,439,487 – Optical encoder apparatus for removable connection with a printed circuit board and methods of assembling optical encoder apparatus.
- US 7,495,583 – Flat top reflection based optical encoders.

EDUCATION & PROFESSIONAL DEVELOPMENT

Master of Business Administration in Supply Chain, Universiti Utara Malaysia (2013)**Bachelor of Engineering in Electronic & Electrical**, Universiti Teknologi Malaysia (1999)

Understanding ISO 9001:2008 Quality Management System

Neuro Linguistic Program (NLP)

Effective Safety & Health Committee Training

Finance for Non Finance Managers

Standard of Business Conduct

Corrupt Practices in Management

ISO9001:2008 Training

Global 8D Problem Solving Methodology

FMEA, SPC and MSA Training

LANGUAGE & IT SKILLS

Excellent English • Excellent Malay • Excellent Tamil

MS Word • MS Excel • MS PowerPoint • MS Project • AutoCAD • Co-Create Drafting/Modeling (ME10)