

CURRICULUM VITAE

NANTHAN . RAJENDRAN

#16A/34 Kannadhsan 2nd Cross Street, NH2, Maraimalai Nagar ▪ Chennai 603 209 ▪
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PROFESSIONAL OBJECTIVE:

Seeking a challenging position in **New Product Development** or related area, with an organization offering long term career and advancement opportunities in which my experience and Technical abilities can contribute to improve productivity and profitability of the organization.

EDUCATIONAL QUALIFICATION:

<u>Year of Passing & Course Details</u>	<u>Percentage</u>	<u>Name of the Institution</u>
2003 – UG – Mechanical	80.50%	Sethu Institute of Technology, Madurai.
2000 – Diploma in Mechanical	89.50%	Sri Sowdambika Polytechnic, Aruppukottai.
1997 – 12 th STD	74.80%	Devanger Hr. Sec. School Aruppukottai.
1995 – 10 th STD	79.50%	Devanger Hr. Sec. School Aruppukottai.

PERSONAL DETAILS

Father's Name : S. Rajendran
Date of Birth : 08.03.1980
Gender : Male
Marital Status : Married.
Spouses Name : S. Revathi
Mother Tongue : Tamil
Languages Known : English, Tamil, and Kannada
Nationality : Indian
Passport No : J8554688
Place of Issue : Chennai Regional Passport Office
Date of Expiry : 23 – 11 - 2021
Permanent Address : S/o S. Rajendran,
No 31-19-8, Subramanian Street, 6 th Cross Street,
South Street, Aruppukottai. Virudhu Nagar – 626 101.

Years of Experience : 09 Plus Year's

**Key Skill : Jig & Fixture Design, GD & T,
PPAP, ECR, PCR, ECN, VAVE etc.,**

Professional Skill Set:

- Auto Cad 2008 – 2D & 3D Design
- CATIA V5 R18 – 2D & 3D Design
 - ✓ Part & Assembly Design
 - ✓ Wire Frame & Surface Design
 - ✓ Sketch & Drafting (2D Conversion)

PRESENT EXPERIENCE:

Korean Based MNC Company, WONJIN Auto Parts (I) Pvt Ltd, M.M.Nagar.

[ISO/TS 16949:2002, ISO 14001:2004 certified Korea based MNC Manufacturing of HVAC parts & sub assemblies for automotive applications

Designation Held : Sr. Engineer (Technical Team Leader and Designer)
Department : New Product Development
Domain : Aluminum Tube, Ferrous & Non-Ferrous machined components
Packages : CATIA V5 & AutoCAD
Period : From April 2007 to till date

Nature of work :

Product Development:

- Receive the RFQ from customer to study the drawings, and if needed data conversion from 2D to 3D (or) 3D to 2D and detailed drafting.
- Preparation of BOM and Project Estimations (Raw Material, New Machine, New Tool Machine and Tooling Cost, etc).
- To perform concept and feasibility studies of the new projects.
- Concept Development and Generating of manufacturing 2D Detailing (Design of new SPM, tools, Jigs & Fixtures with mistake proofing and Gauges etc.
- New Product Development Cycle (RFQ, BOM, APQP, PPAP, PFD, SOP, FDPR, PSW,etc.,)
- Reviewing Technical Documents every week.
- Proto – Sample with inspection report send to customer and then after customer feedback assessment and Corrective Action.
- PPAP sample submission - minimum 25 sets to Maximum 300 sets based on customer specific standards.
- Preparation and recorded for ECR, PCR and ECN documents.
- Analyzing the customer complaint and taking corrective & preventive action.
- Supporting to MFG/QC for CCAR and 8D report for customer Quality concern/issues.
- To Implement the VAVE - Cost reduction, Productivity, Safety and Quality.
- Pre Launching the new program and support to manufacturing department upto Stabilization of the project.

Process Improvement Activity:

- Process Development - Reduce the number of operations / Process, cycle time.
- Improvements – Tool, Fixtures and Jigs.
- Process layout – Based on easy and time saving access of process flow stage wise.
- Conducting training program for operators and engineers deployed on the new project.
- Coordinating with Quality Assurance Dept during Process Audit.
- Analysis of inline rejection using 4M methodology.

TECHNICAL SKILLS - MY STRENGTH:

- Problem solving skill.
- Positive Customer facing attitude
- Oral and Written Communication Skill.
- Understanding of business and flows.
- Application and System understanding.
- Ability to work independently and in a team environment.
- Flexibility and dedicated in acquiring new responsibility
- Completing the assigned jobs in time

OVERSEAS TRAINING DETAILS:

Company Training in SOUTH KOREA .

Company Name : ONEGENE INC., SOUTH KOREA – Head Office
Duration : 17 Nov'07 to 13 May'08 [06 Month's]

BUSINESS VISIT @ JAPAN.

Company Name : VALEO CLIMATE CONTROL - VCC JAPAN
Duration : 09 Sep'09 to 22 Sep'09 [02 Week's]

TRAINING @ CUSTOMER PLACE.

Company Name : VISTEON Ardennes industries SAS,
Charleville-Mezieres Cedex, FRANCE
Duration : 01 OCT'10 to 28 Dec'10 [03 Month's]

COMPANY PROFILE:

Korean Based MNC Company: WONJIN Auto Parts (I) PVT LTD, M.M.NAGAR.

- Manufacturing of air conditioning sub assemblies like condenser manifolds, Aluminum Tubing's, Thermistors, and Ferrous & Non-Ferrous machined components for automotive application.

ISO/TS 16949: 2009 ISO 14001: 2004

Branches:

Head office – S.KOREA – ONEGENE INC

S.KOREA – ONEGENE ELECTRONIC INC

INDIA – CHENNAI Plant – WONJIN Auto Parts (i) Pvt Ltd

INDIA – PUNE Plant – YOONWOO Auto Parts (i) Pvt Ltd

CHINA - ONEGENE China INC

USA – ONEGENE America INC

Web: www.onegene.com

PREVIOUS EXPERIENCE:

PLANT ENGINEERING SERVICES, CHENNAI - 58.

[Deputation to **M/s. Plant Engineering Services**, Ambattur Industrial Estate, Chennai – 58]

Designation Held : Engineer
Department : Product Development
Domain : Two wheeler spare parts (Kick starter, Cam Sprocket, Pinion).
Packages : Auto CAD.
Period : From June 2003 to March 2007

Responsibilities:

- Preparation of design Input and output.
- Preparation of Bill of Materials and Quality verification plan.
- Design the Jigs, Fixture's
- Preparation of Manufacturing Layout (PPAP)
- Preparation of production process (Sequence of Operation) drawings.
- Check list of QC drawings & Final inspection reports.
- Analyzing the customer complaint, and taking corrective & Preventive action.

AWARDS RECEIVED:

- *Merit certificate from Sri Sowdambika Polytechnic, for securing the **First Rank** during the Academic year 1997 – 1998.*
- *Merit certificate from Sri Sowdambika Polytechnic, for securing **100% the Five Subjects** during the Academic year 1997 – 1998.*
- *Merit certificate from Sri Sowdambika Polytechnic, Secured the **“Best Outgoing Student (GOLD MEDAL)”** for the batch of 1997 – 2000.*
- *Merit certificate from Sethu Institute of technology secured the **“Best Outgoing Student”** for the batch of 2000 – 2003.*

EXTRA CURRICULAR ACTIVITIES:

- N.S.S – Regular & Special camp Activities.
- Blood Bank – Rotary Club member.

Declaration

I hereby confirm that the information given above is true to the best of my knowledge.

Place: Marai Malai Nagar

Date:

(R. Nanthan)