

CAREER OBJECTIVE:

To deliver my duties to the fullest satisfaction of the superiors and subordinates and to reach responsible position in future, work for the betterment of the company in any circum.

PROFILE SUMMARY :

Mechanical Design Engineer with 13 years experience in Engine Product Design and Development.

Design/Configuration Engineer for small engines:

- Offering over 5 years of experience, Targeting assignments as Managerial Role.
- Execute design and development of new projects meeting and ensure all specified technical objectives, cost and time targets.
- Design (3D & 2D) of Engine related components/sub-systems/systems using CAD tools.
- Release NORF (Configuration groups) for NPI and NTI programs to align with engine and new customer's requirement.
- Sound Knowledge in Aftertreatment and Turbocharger.
- Conduct / Participate meeting with different team on DFMEA, DFM, DFA, DFS and RIW's.
- Manage the multiple platform level BOM structure and compatibility between the options.
- Work directly with manufacturing team to resolve assembly and quality issues and also provided engineering support for field issues.
- Competent team maker and good understanding of engineering process and support activities in project deliveries.
- Developed 4 Cylinder Gas Engine and IOPU Engine.
- Lead transition of small engine business from engineering perspective which includes decision making on design, rationalization without compromising performance of product.

TECHNICAL PROFILE:

- Expert in Creo-2, AutoCAD, Catia, Ansys & Teamcenter.
- An effective leader with excellent communication, negotiation and relationship building skills.
- Sound Knowledge in Small Engine Product Architecture.

Soft Skills	<i>Change Agent, Collaborator</i>
	<i>Communicator, Motivator, Planner</i>
Key Skills	<i>Change Management, Team Building & Leadership</i>
	<i>Engine BOM Structuring, Conducting Technical & Manufacturing Reviews, Design and Development of engine components</i>
	<i>Training & Development, Corporate Quality, Vendor Management</i>

PROFESSIONAL EXPERIENCE

Organization	Designation	From	To
Automotive Robotics India Pvt. Ltd.	Senior Design Engineer	Nov 2011	Till Date
Chennai Mould's	Design Engineer	Aug 2011	Nov 2011
Cast Link-HFZA,U.A.E.	Production & CAD Engineer	Apr 2010	June 2011
Sakthi Hi-Tech Cons Pvt. Ltd	Graduate Engineer Trainee	July 2008	Mar 2010

CAREER PROFILE

1. Automotive Robotics

Currently working as a Senior Design Engineer in Automotive Robotics India, employed with **Caterpillar India Pvt Ltd- Engineering Design Centre, Chennai**

Job Responsibilities:

- Developed 4 Cylinder Gas Engine and IOPU (Industrial Open Power Unit) Engine.
- Modeling and Detailing Casting and Sheet metal components as per Supplier drawings.
- Worked on Prototype Modeling and Development.
- Co-ordinate with Engine validation team to conduct testing with new design.
- Co-ordinate with supplier for manufacturing (DFM), Mfg. team for assembly (DFA) and aftermarket team for serviceability (DFS).
- One of the team members for perform DFMEA.
- Responsible for Design (2D & 3D) drawing technical specification for above designed components.

2. Chennai Mould's

Design Engineer in CHENNAI MOULD: Involved in manufacturing projects on Gravity Die Casting and Pressure Die Casting.

Job Responsibilities:

- Prepare and finalize the PFR (Product feasibility study) reports for PDC.
- GD&T study carried out on casting components with casting feasibility.
- Provide the parting line concepts, Ejection pin position for component to PDC.
- Validate the customer casting models with 2D drawing for quality assurance.
- Customer interaction until the final casting sample release.
- Carried out Engineering changes from customer feedback.
- Good Knowledge in GDC Die design and process concepts.
- Played a key role in modeling and detailing of Engine Parts.

3. Cast Link- HFZA

Production Engineer& CAD Engineer in CAST LINK-HFZA, U.A.E: Involved in Aluminum Castings and Steel fabrication.

Job Responsibilities:

- Handled Al-Hamra Palace and Bab Al-Bahr as a Site Manager.

4. Sakthi Hi-Tech Cons (P) Ltd, Kalpakam.

Graduate Engineer Trainee Sakthi Hi-Tech Cons (P) Ltd, Kalpakam: Involved in Stainless Steel fabrication like Tank fabrication, Piping work, Tank erection and Lining work.

Job Responsibilities:

- Co-ordinate with the clients and made changes in the design as per their requirement.
- Fit up, root and final inspection by visual and NDT method.
- Assisted in preparing the WPS, PQR with senior engineers.

COURSES & SEMINARS

- Attended a Seminar on Non- Destructive Testing and Inspection Methods in Q-TECH, Chennai
- Certified Engineer in - **ASNT- NDT** (Non- Destructive Testing) Level II certification in PT, MPT, UT AND RT
Certification number-260109/PT, 260109/UT, 260109/MPT, 260109/RT

EDUCATIONAL QUALIFICATION**BE (Mechanical)**

College	:	Jeppiaar Engineering College, Chennai.
University	:	Anna University, Chennai
Year of passing	:	2008
Percentage (%)	:	70%

PERSONAL DETAILS

Date of birth	:	21.03.1985
Father's Name	:	T. Alex
Gender	:	Male
Marital status	:	Married
Nationality	:	Indian
Passport Number	:	Z3515126
Hobbies	:	Playing cricket, volleyball, football & hearing music.
Languages known	:	English, Tamil, Malayalam, Hindi

DECLARATION

I hereby declare that all the statements and information furnished above are true to the best of my knowledge. I assure that I shall abide by the rules & regulation of the company. I hope. I can do my duties with the complete satisfaction of my superiors.

Place: CHENNAI
Date: 14-Jan-2022

Yours faithfully,
[A. JAXEN]