

Prasaath Balachandran

D.O.B.: 16-jun-1994
Nationality: Indian
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PROFILE

- Mechanical engineer with ~2 year of experience in **Manufacturing Production**.
- Working for a manufacturing/production company manufacturing auto parts for leading auto-manufacturers including **HONDA, YAMAHA, SUZUKI, TATA, BAJAJ & TVS**.
- Acquired experience and expertise in following areas
 - **Molding**
 - **Metalizing**
 - **Assembling**
 - **Quality Inspection**
- Certified **AUTOCAD design** engineer. Have acquired expertise and hands-on design experience during the entire course of the certification/training.
- Experience in manufacturing/production of various lamps for various leading 2-wheeler & 4-wheeler auto manufacturers
 - Head lamps, Tail lamps, Blinker lamps, Rear view mirrors
 - Halogen lamps including spot lamps, high power beam lamps & fog lamps
 - Reflex reflectors and LED lamps
- Hold **3-year Diploma** (Mechanical) degree and **4-year Bachelor in Engineering** (Mechanical) degree with interest in Design, Fluid Mechanics & Structures.
- Self-motivated, individual contributor & team player with strong analytical & problem-solving skills.

OBJECTIVE

Intend to build a career in leading corporate with committed & dedicated people, which will help me to explore myself fully and realize my potential. Willing to work as a key player in challenging & creative environment

EDUCATION

Sasurie academy of engineering, kariyampalayam, Coimbatore, India
Bachelor's degree in Mechanical Engineering, April 2015
GPA: 6.8 out of 10

Ponnaiyah Ramajayam polytechnic college, Kolkata, West Bengal India
Diploma in Mechanical Engineering, April 2012
GPA: 7.5 out of 10

ARR Matriculation Higher Secondary School, Kumbakonam, India
High school from ssLC board, April 2009
GPA: 6.5 out of 10

LANGUAGES

Tamil - Mother tongue

English - Excellent reading, writing and speaking

Hindi-speaking

TECHNICAL SKILLS

- Designing with CAD tools
- AutoCAD 2D & 3D
- Metalizing
- Assembly
- Quality control

PROFESSIONAL EXPERIENCE

Production Engineer, Fiem industries ltd (OCT 2015 - DEC 17)

Fiem industries ltd is the leading manufacturers automotive lighting store in India with annual revenue of \$5 million

Company Description:

FIEM Industries, one of the leading manufacturers of automotive lighting & signaling equipment's and rear view mirrors, manufactures wide range of lighting systems and rear view mirrors, sheet metals parts and plastic components for two and four wheeler our diversified products portfolio ranging from rear view mirrors, head lamps, tail lamps, signaling lamp, roof lamps, wheel covers, warning triangle, complete rear fender assembly, frame assembly, mudguards, LED Display Panels and various sheet metal & plastic parts etc.

KEY RESPONSIBILITIES

- Set daily/weekly/monthly objectives and communicate them of employees
- Organize workflow by assigning responsibilities and preparing schedules
- Oversee and coach employees
- Check production output according to specification
- Submit reports on performances and progress
- Identify issues in efficiency and suggest improvements
- Train new employees on how to safe use machinery and follow procedures
- Enforce strict safety guidelines and company standards

ACADEMIC PROJECT DETAILS

(B.E) PROJECT TITLE: "FABRICATION OF AN AIRPREHEATER IN OIL FIRED FURNACE"

An air preheater (APH) is a general term used to describe any device designed to heat air before another process (for example, combustion in a boiler) with the primary objective of increasing the thermal efficiency of the process. They may be used alone or to replace a recuperative heat system or to replace a steam coil.

(DIPLOMA) PROJECT TITLE: "FABRICATION OF AN AUTOMATED GUIDED VECHILE"

Automated guided vehicle is a robot that can deliver the materials from supply area to the technician automatically. This is faster and more efficient. The robot can access wirelessly. I.e. a technician can directly order the robot to deliver the components rather than the order it via a human operator. To avoid collision with human workers, a proximity detector has been added

which causes the robot to stop as long as there is an obstacle in its way, thus avoiding accidents.

PERSONAL DETAILS

Language Known: English & Tamil
Marital Status: Single
Gender: Male
Current Address: No: 5/3, Thiyagaraja Nandavanam,
Kumbeswarar South Street,
Kumbakonam - 612 001.

PASSPORT DETAILS

Passport Number: N1500655
Date of Issue: 27/07/2015
Date of Expiry: 26/07/2025
Place of Issue: TRICHY