

## AJAY VISHAL R



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### **OBJECTIVE:**

To continuously enhance my knowledge, skills and experience by getting involved in challenging work environment and utilize them for personal and organizational growth to the best of my ability.

### **ACADEMIC QUALIFICATION:**

Course	Institution	Board	Percentage/ CGPA	Year Of Passing
B.E. (Mechanical Engineering)	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai	Anna University	76.7	2019
HSC	Jaya Matriculation Hr Sec School, Thiruninravur, Chennai	State Board	79	2015
SSLC	P.A.K Palanisamy Hr Sec School, Old washermenpet, Chennai	State Board	94.4	2013

### **Professional Certification:**

- ☐ Certification in Computer Aided Design software CREO.
- ☐ Certification in simulation software ANSYS.
- ☐ Certification in Computer Aided Design software CATIA
- ☐ Certification in Computer Aided Design software AUTOCAD

### **DESIGN AND FABRICATION PROJECT:**

Si No.	Name of the Project	Project Description
1	Automatic Feed Control of Hydro Pneumatic Drilling Machine	The objective of this project is to give feed to depth of cut to the given workpiece and the driller is automatically moved by Pneumatic and Hydraulic cylinders using Solenoid valve fluctuations .
	<ul style="list-style-type: none"><li>• Displayed this project in <b>TECHYUGAM-18</b> contest in April 2018.</li><li>• Filed an application for patent in this project</li></ul>	

### **INPLANT AND INTERNSHIP TRAININGS:**

Si No.	Name of the Company	Period	Nature of Exposure
1.	Ashok Leyland	Dec 2016	Engine Assembly, Gear Assembly, Chassis Frame Assembly, Axle & Engine components
2.	Tubes Product of India	June 2017	Surface Hardening, Quenching of tubes, Assembly of parts
3.	Lucas TVS	December 2017	Starter motor, Wiper motor, Distributor, Headlamp
4	India Japan Lightening Ltd	April 2018	Gained knowledge about the manufacturing and assembly of Head Lamp, Tail Vane of cars, Body Parts of car components and Halogen lights of cars
5	Ford Motor Company	Dec 2018	Gained Knowledge about the manufacturing of cars in customer needs accordingly with water resistant test and various testing stages involved in different stages and finally tested and vehicle is ready to use.

**Industrial Visit:**

Si No.	Name of Company	Period	Nature of Exposure
1	Ashok Leyland Limited, Chennai	Feb 2017	Gained knowledge about the manufacturing of various parts of trucks and assembly of rear axle of heavy load trucks
2	Chettinad International Coal Terminal (P) Limited, Chennai	Feb 2018	Exposed to the process of handling and separation of coal based on the properties

**PROJECT OVERVIEW:**

**Company Project:** ASHOK LEYLAND Ltd, ENNORE, CHENNAI, from 22-01-2019 to 21-02-2019

**Project Title:** Time Reduction In Dismantling of Cylinder Head

**Description:** Our ultimate aim of our project is to reduce the time consumption for dismantling and reassembling of the engine, without any major damage to engine parts. For the purpose of reducing the time consumption, “The replica of rocker arm shaft” is to be designed. By using this shaft, the whole cylinder head together with major parts such as turbocharger, EGR etc, is dismantled from the engine. The time needed for this process will be very low, comparing with traditional method. The parts are dismantled and reassembled without causing any major damage to other major parts of the engine.

**PROFESSIONAL MEMBERSHIP:**

Active member in **Society of Automotive Engineers (SAE) India**

**TECHNICAL CERTIFICATION:**

- Participated and Won first place in Paper Presentation in Final year project -2019.
- Participated in Brain Boggle, Go Google, Bug Killer, Code Master, Trends Talk-2019
- Participated in Workshop conducted at Nicola Educational and Research Institute Two wheeler and Four wheeler Technical service training- March 19<sup>th</sup> 2017.
- Participated in Employment Skill Enhancement Programme (E-SEP) conducted jointly by CUIC, Anna university and Renault Nissan Technology & Business centre India- (15-02-2019-26-02-2019)
- Pre-Senior UNESCO Information Test certificate secured 62% marks (USI) on 30th sep, 2011
- Participated National conference on APPLIED SPECTROSCOPY in associate with Royal society of chemistry- 4<sup>th</sup> march, 2016.

- Participated in Two wheeler Dismantling and assembling workshop at CADD CAMM SOLUTIONS -07-JAN-2018
- Participated in NPTEL CERTIFICATION COURSE and secured 78% marks in Basics of Finite Element Analysis-I.

### **SOFTWARE SKILLS:**

- Basics of C Language, JAVA, C++, Middleware, Creo, CAE,CADD,DOTNET,Android
  - Junior Diploma in Graphics and Animation(JDGA) June 2007

### **PERSONAL DOSSIER:**

Name	: R. Ajay Vishal
Father's Name	: Mr. A.J Rajan (Self owned business)
Date of Birth	: 07 July 1998
Gender	: Male
Hobbies	: Browsing, Teaching
Languages Known	: Tamil , English, Hindi
Permanent Address	: 24/a soorathamman kovil main street,thiruniravur,chennai.
Area of interest	: Software, Design, IOT, HTML, JAVA script
Contact number	: +91-9940541845/9841186420

### **DECLARATION:**

I hereby declare you that the above-mentioned details are true to my knowledge.

**Place:** Chennai

**Date:**

(AJAYVISHALR)

