

Curriculum Vitae

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Arnosh Keki Italia

- **Date of Birth:** 28th December 1990
- **Citizenship:** Indian
- **Caste :** Parsi



Contact Information

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Profile

Objectives

- A position as a Senior Supervisor in the manufacturing process plant.
- A position as a Product Development Engineer in an automotive company.
- To design cars, systems and mechanisms for enhancing comfort and beauty.
- To work in Research and Development Department in an automotive company.

Achievements

- Won Consolation prize in Plant Competition organized by Quest Club, 1998-1999.
- Won 1st prize in Inter House Boys Doge Ball Competition, 2001-2002.
- Won 1st prize in Miss. Serene M Cursetji Prize Essay, 2004.
- Won 1st prize in NIE- Times Of India Excellence Award, 2004 – 2005.
- Secured 1st rank in F.Y.J.C. Science, 2006-2007.
- Participated in Mahindra presents BAJA, SAE INDIA 2012.
- Won 2nd prize in event named Web-Kida, Kaizen 2K12, 2012.
- Won 2nd prize in event Project Masters, Kalyani-RIT Quantum 2012.

Key Skills

- AutoCAD 2004
- Pro-Engineer W4.0
- NI LabView2012
- Catia V5 R21
- Star CCM+
7.06.009
- MS Word 2013
- EduPack
CES 2012
- MS Power
Point

Languages Known

- English
- Hindi
- Marathi
- Gujarati

Soft Skills

- Ability to express personal and other's opinion.
- Curiosity development for any ideas expressed by others.
- Good writing and listening skills.
- Dedication, hard work and passion to make things happen.

Educational Background

2012 to 2013	MSc in Automotive Engineering – “Completed in November, 2013” SCHOOL NAME: Coventry University, Coventry, United Kingdom.
2008 to 2012	B.E. in Automobile Engineering - “Percentage Scored = 68.56%” SCHOOL NAME: Rajarambapu Institute of Technology, Maharashtra, India.
2006 to 2008	Higher School Certificate Exam - “Percentage Scored = 71.33%” SCHOOL NAME: The B.J.P.C. Jr. College, Mumbai, Maharashtra, India.
1993 to 2006	Secondary School Certificate Exam - “Percentage Scored = 74.53%” SCHOOL NAME: The Blossoms S.T. English High School, Mumbai, Maharashtra, India.

Internships

June, 2011	15 days	Industrial Training Internship Mahindra & Mahindra Ltd. Nashik, Maharashtra, India.
June, 2010	15 days	Garage training Vitesse India Pvt. Ltd. Mumbai, Maharashtra, India

Projects

April, 2013	6 months	To compare and review the various optical measurement systems in the automotive industry with focus on Photogrammetry and Laser Tracker. The project comprised of study of various optical measurement system used in automotive production line. The project covers use of various laser tracker and photogrammetric instruments for measurement purpose in the production line. The comparison between the laser tracking and photogrammetry measurements were also discussed.
January, 2013	3 months	The project deals with the study of automotive scaled model experimentally using a conventional wind tunnel and compares the obtained data from the wind tunnel with the numerical study using CFD analysis software, Star CCM+. The model used is a simplified F1 scale model comprising of the chassis without the wheels, front and rear wings and is referred to as the "blob". The given blob is used to study the air flow structure around it using the conventional closed single-return type wind tunnel and CFD analysis is computed using the Star CCM+ software.
January, 2013	3 months	The conventional manufacturing piston and exhaust valve material was to be determined with the in-service conditions and loading modes under which the piston and exhaust valves operates. To evaluate different performance indices for the same material and justify it by using CES EduPack 2012 software. To determine an alternative material for both the piston and exhaust valve manufacture and to evaluate improved performance indices by proving them in CES software. The various advantages and disadvantages and manufacturing route were also evaluated for the advanced alternative manufacturing material.

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January, 2013	3 months	The project involved the modification and comparison of Peugeot 206 with a 1.6l engine to a hybrid powertrain system. The considerations included overall performance and packaging of the hybrid vehicle.
October, 2012	3 months	The B-pillar re-enforcement with given rules and defined force and material restrictions needed to be designed and analyzed using CATIA V5 R21 analysis module. Various different designs must be provided and their failure modes were also submitted in a final report.
October, 2012	3 months	Plummer block design in CATIA V5 R21 software with CAD modelling, assembly and part drawing (drafting).
October, 2012	3 months	Automatic parking or Self-parking is an advanced feature helps the driver to maneuver his car into tight parking spaces. Radio Frequency Identification Systems or RFID is primarily used in automobiles for automatic toll collection on highways. The project dealt with brief overview of the current systems in use. A report on same which conveyed recommendations on the scope of improvements that can be implemented in these systems was submitted.
October, 2012	3 months	The prototype car will be designed, made and used to compete in the formula student competition. The parts of the car were divided into individual work packages and each work packages were evaluated using tools like Pugh method, risk analysis, cost effectiveness, design challenges, SWOT analysis, DFMEA. The work package allotted was suspension system.
2011 to 2012	1 year	Final Year Project on " <i>Time Management & Motion Analysis of Unique Automobiles, Kolhapur India</i> " – The project consists of analyzing the ailments in current pattern of working of the technicians and other staff in this service center. The task here was to convert the time wasted by them in between their consecutive activities into financial loss gained by this authentic Chevrolet Service center.

Activities and Interests

<i>Internet</i>	Internet surfing to get updated with latest gadgets available in market.
<i>Automotive Related Interests</i>	Collecting car models, racing, Member of SAE India.
<i>Travelling</i>	<i>India</i> - Mumbai, Pune, Sangli, Kolhapur, Bangalore, Nasik, Surat, Ahmedabad <i>United Kingdom</i> - Coventry, Leicester, Birmingham, London, Cardiff, Brighton, Isle of Wight

Any documents required will be submitted on request.