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**Education** .

**2010-2014** 4th year B.E.(Hons.) in Mechanical Eng. with CGPA of 8.72/10 at Birla Institute Of Technology and Science, Dubai Campus.

**2012-2013** Master Diploma in Production Design and Analysis from Cadd Centre, Borivali, Mumbai. Trained in CATIA V5, GD&T, ANSYS Mechanical APDL, Creo 2.0, PPM Concept, Primavera P6.

**2011** Certificate Course in UGS NX 7.5.2 CAD from Shree Infosys (Affiliated by Siemens) , Vadodara, Gujarat, India.

**2011** Certificate Course in Adobe Dreamweaver CS3 from Image Institute of Digital Technology, Vadodara, Gujarat, India.

**2011** Certificate Course in Advanced ASP.Net with SQL query language and database, AJAX, Java scripts in Visual Studio 2008 and 2010 platform from IT souls, Vadodara, Gujarat, India.

**2011** Diploma in Media Advertising and Print Technology from Image Institute of Digital Technology, Vadodara, Gujarat, India.

Trained in Adobe Photoshop CS5 and Adobe InDesign CS5.

**2008-2010** Completed a 2-year International Baccalaureate Diploma Programme (‘O’ Levels) with ‘35/45’ points from Navrachana International School, Vadodara, Gujarat, India. Subjects: (Higher Level – Mathematics, Physics, and Chemistry) and (Standard Level – Biology, English and Hindi).

**2007-2008** Completed 10th in Indian Certificate Of Secondary Education Examination (ICSE) with 90.5% from Adamas International School, Kolkata, India.

**Work Experience** .

**2013-2014** Secretary of American Society of Mechanical Engineers (ASME) District J Spanning entire Middle East and neighborhood.

**2013-2014** Chair and Founder of Mechanical Association of BITS Pilani Dubai Campus (BPDC).

**2013-2014** President of Society of Automotive Engineers Student Chapter of BPDC.

**2013-2014** Chair of ASME student chapter of BPDC.

**2012-2014** Team Captain of Formula SAE team of BITS Pilani Dubai Campus named Gear Shifters consisting of 35 members. The team is building a $25,000 worth Formula One type car to compete in FSAE Michigan 2014 with 120 teams from across the Globe as first of its kind to represent UAE in its History. Website – www.facebook.com/TeamGearShifters

**2012-2014** Regional Manager at UAE branch of VproV, an Indian organization started by Rajesh Kumar, IIM-B Alumni for students preparing for all management entrance and other competitive examinations.

**2010-2014** The Chief Designer of the two Semesterly issued college magazines (BITS Pilani, Dubai Campus)

**2012-2013** President of .net Club run by Microsoft in BPDC.

**2011-2013** Vice-President of SAE student chapter of BPDC

**2011-2013** Vice-Captain of a BAJA team of BPDC named Xtreme Addiction consisting of 15 members. The team was the first to ever represent UAE in Tennessee Tech SAE Baja 2013 with its own $20,000 worth All Terrain Vehicle competing with 100 teams from worldwide. Website – www.facebook.com/TeamXA

**2011-2013** Team Captain of a team named Sand Dukes consisting of 10 members who built a AED 20,000 worth Custom Designer Bike from scrap powered by a 150cc engine. Website – www.facebook.com/TeamXA for its video and pictures.

**2011-2013** Vice-president of the .net Club by Microsoft in BPDC.

**2012-2013** Vice-Chair of the ASME student Chapter at BPDC.

**2011-2013** Worked as a Microsoft Student Partner in Dubai wherein I was trained in Mobile app and Website Development and updated with latest tools and technologies during periodic Seminars and Workshops by Microsoft Developers and Academicians.

**2012** Worked for a month as an intern in Hyundai Motors India Limited, Sriperumbudur, Chennai, India. I was in the Manufacturing Engineering Department wherein I did a detailed study of the machinery involved and the manufacturing process involved from the raw material to the final cars. Various specialized employees trained me at every stage.

**2012** Core Organizer for the ASME SPDC District G finals held in BITS, Pilani – Dubai Campus.

**2011-2012** Webmaster of the ASME student Chapter at BITS, Pilani – Dubai Campus.

**2011-2012** Worked as one of the lead ASME organizer of the College’s Techno-Management inter-college fest named ENGINuity and Technofest, the biggest in UAE. I also designed the website with 2 others.

**2010-2012** An active member of the Branding Committee run by BITS Pilani, Dubai Campus to help promote the Institute in this competitive world. As a member I was a part of all the decisions that were taken to promote the institute.

**2011** Worked as a promoter for HP laptops in Jacky’s MOE (Mall of the Emirates, Dubai) during GITEX 2011. Sold around 65 laptops of net worth AED 1,70 000.

**2011** Worked as an intern for Geeks Incorporated Ltd. as a web designer and developer.

**2010** Core Organizer for hosting the ASME SPDC District J finals held in BPDC.

**Research Experience** .

**2013** Presented a research on “Air Flow Optimization via a Venturi Type Air Restrictor” in World Congress on Engineering 2013, Imperial College of London from 3-5 July. The same paper is published in WCE 2013 Volume III, IAENG, ISBN: 978-988-19252-9-9, ISSN: 2078-0958

**2009-2010** Completed a Research Work in Biotechnology on “How does fortification of UHT milk with 70% Whey Protein Concentrate (WPC) affect the associative growth of Lactobacillus bulgaricus and Streptococcus thermophilus inoculated as 2.5% starter culture in UHT milk incubated at 43°C for 5 hours to make yogurt?”

**Professional Development** .

**2012-2013** Trained a team of 65 College students in Car and Bike Building, covering topics ranging from the basic mechanisms to 3D modeling, Design Optimization, Design Analysis, Manufacturing, Marketing, Software and Website Development, Production Techniques and Management on a weekly basis.

**2013** Organized and participated in a Workshop on Business Process Simulation conducted by Prof. D.S. Broca, XLRI Jamshedpur at BITS, Pilani – Dubai Campus on 26th November, 2012. Simulation software named WebGPSS was used.

**2012** Participated in 2-day long ASME Leadership Meet involving delegates across Middle East and USA.

**2012** Received an Appreciation Certificate in a 2-day workshop on “Introduction to CFD” organized by AerotriX on 26th, 29th April 2012 at BITS, Pilani – Dubai Campus. The CFD module of ANSYS 12.0 was used.

**2010-2011** Acting Vice-President of AIESEC and leading its Business Development team in Dubai. This helped me become more professional by attending meetings with companies and attending conferences.

**2008-2010** Taught 10 under-privileged students of the age 10-13 years the basics of Mathematics and English for a period of two years. This was to help the kids of my servants and their friends to take interest in education for their bright future.

**2008-2009** Developed software in Blue J platform for Navrachana International School to help maintain the attendance record of the staff members. This took a period of 1 year starting from knowing the requirements, research, development, installment, teaching the use, improvement and then final implementation with service when required.

**2007-2008** Developed software in Blue J platform for local bookstalls to help maintain their stocks and invoice very efficiently. This took a period of 9 months starting from knowing the requirements of various booksellers, research, development, installment, teaching the use, improvement and then final implementation with service when required.

**Achievements** .

**2013** Stood 1st in Intra-college level and 4th in National Level International Red bull Can Racing Competition.

**2012** Stood 1st in a poster making competition organized by MAD (Make A Difference) club.

**2011** Awarded as the ‘Best new comer in AIESEC for taking initiatives and being very active’.

**2011** Stood 3rd in a Glider Making Competition organized by SAE.

**2011** Stood 2nd in Psychedelic, 2nd in Graffiti, 3rd in Big Picture in ARTEX, an art fest held yearly in our college.

**2011** Stood first in ‘Graphic Designing Competition 2011’ organized by IMAGE IIDT Limited - Baroda Centers for its students on 16th July 2011.

**2011** Stood first in ‘The Daily Redesigned’ (A front page newspaper designing competition) in the 29th Annual International Technical Festival APOGEE 2011 by BITS Pilani.

**2011** Stood second in ASME Impromptu during ENGINuity 2011, the inter-collegiate techno-management fest hosted by BITS, Pilani - Dubai Campus.

**2011** Participated at the District J 2011 Student Professional Development Conference hosted by the ASME Student Section at BITS, Pilani - Dubai Campus.

**2008-2010** Successfully demonstrated the duties of the Head boy (School Captain) of Navrachana International School for a period of 2years.

**2009** Ranked 502 internationally in the 11th National Science Olympiad.

**2009** Was one amongst the 8310 participants who painted the World’s longest painting in the Guinness Book of World Records, measuring 4333m at an event organized by Vadodara Marathon at the United Way Garba Ground in Vadodara, India on 2nd October 2009.

**2008-2009** Received the outstanding student of the year award in Navrachana International School.

**2008-2009** Received the Certificate of Merit for the Winning Position in Inter-House Cricket 9-12 grade Cricket Tournament in Navrachana International School.

**2008** Stood 196 in the silver zone and 440 in the final level of International Informatics Olympiad 2008.

**2008** Successfully reached the Regional Elimination Round of Debating Matters India Competition conducted by the British Council on 6th November 2008.

**Skills** .

**Languages:**

1. English (Excellent fluency).

2. Hindi (Mother tongue).

3. Bengali (Good fluency).

4. French (Beginner).

5. Gujarati (Beginner).

**Computers and Technology:**

1. Visual Studio 2008 and 2010 in C#.
2. Solid Edge CAD.
3. Java in Blue J platform.
4. C in Linux platform.
5. AutoCAD 2010.
6. Microsoft Office.
7. iWork and iMovie.
8. Windows Movie Maker.

**Miscellaneous:**

1. 10 years Valid UAE Driving License.
2. Interest in teaching, managing and experimentation.
3. A very good artist and poet (Shayari).
4. A very long experience of making excellent working models.
5. An occasional singer and dancer.
6. A good badminton, tennis and cricket player.