



Name: Nitish Sharma  
 Ph. No.: 9478562088  
 Current Location: Bengaluru  
 Email: [yuvi.2458@gmail.com](mailto:yuvi.2458@gmail.com)

**PERSONAL STATEMENT:**

I am a first class mechanical graduate. I have a passion for Pipe Designing where I wish to apply my knowledge with domain skill in AVEVA PDMS & CAESER II to work for plant safety.

Qualification	Board/University	Year of Passing	%/Grade
Advanced P.G. Diploma (Piping Engineering)	National Council for Technology & Training (NACTET)	2017	A+
B.Tech. (Mechanical)	G.Z.S Campus College of Engg. & Tech, Bathinda.	2016	65
12th	CBSE Shri Ram Ashram Public School, Amritsar	2012	74
10th	PSEB Arun Rashmi Sainik School, Amritsar	2010	73

\*Subjects of Special Interest: PIPING ENGINEERING

**TECHNICAL BACKGROUND / TRAININGS / KEY SKILLS / CERTIFICATES**

Training	E1- Beginner, E2- Intermediate, E3- Expert, E4- Master user	
Domain Training	<b>Oil &amp; Gas Piping Engineering Design &amp; Analysis</b> Fundamentals of Piping, Piping Codes & Standards, Piping material specifications, components & supports, Flow diagrams, Design of Process Piping, Hydraulic design, Calculations, Welding, NDT, Protection of Pipe, Quality control & assurance, Health & safety.	E2
Tools Training	<b>AVEVA PDMS</b> Equipment design, Pipework, Data consistency, Structure design, Panels, Walls & Floors, ASL modeler, Drafting, Isometrics in AUTOCAD, HVAC, Isodraft.	E2
	<b>CAESER II</b> Piping input generation, Entering elements by giving material & conditions, Error checking, Building static load cases, Providing wind data, Executing static analysis, Static output review, Underground piping input & analysis.	E2
	<b>PRIMAVERA</b> OBS, EPS, Calender, WBS, Activities, Schedule, Activity network diagram, Activity codes.	E1
	<b>NX-8.0</b> Part design, 3D modeling, Assembly, drafting, Manufacturing.	E1
	<b>SOLIDWORKS</b> Part design, Sheet metal Design, Surface Design, Assembly, Weldment, 3D modelling, Drafting.	E1

	<b>AUTOCAD</b> Drawing Creation( P&ID, PFD, Layouts, and all fabrication drawings)	E2
Productivity Tools	MS Office 2013	

## ACADEMIC PROJECTS

B.TECH. Project	<p><b>Title:</b> Compressed Air Turbine Driven Vehicle</p> <p><b>Objective:</b> To design an air turbine driven vehicle( 4 wheeler ) for short distance to avoid pollution caused by vehicles.</p> <p><b>Brief Procedure:</b></p> <ul style="list-style-type: none"> <li>• Market research</li> <li>• Literature review</li> <li>• Designing mechanical system</li> <li>• Intimating mechanical systems to fabricate prototype of model</li> </ul> <p><b>Tools Used:</b> Unigraphics( NX-8.0),Solidworks, MS office.</p> <p><b>Benefits to the Society:</b></p> <ul style="list-style-type: none"> <li>• Reduction in pollution &amp; road congestion.</li> <li>• Will revolutionize travel experience if adopted by Indian society.</li> </ul>
SAE BAJA 2016	<p><b>Title:</b> Participation in BAJA 2016</p> <ul style="list-style-type: none"> <li>• Design and analysis of All Terrain Vehicle roll cage and different sub-assemblies.</li> <li>• Analysis of roll cage for different loading condition and impact testing to safeguard the driver inside the cockpit.</li> <li>• Design and assembly of hydraulic braking system.</li> <li>• Body panel design and mounting on the vehicle.</li> <li>• Preparation of design report &amp; cost report</li> </ul> <p><b>Tools Used:</b> Solidworks, Ansys structural analysis.</p> <p><b>Role In Team:</b> Team Vice Captain</p>
ELITE KARTING '15	<p><b>Title:</b> Participation in ELITE KARTING 2015</p> <ul style="list-style-type: none"> <li>• Design and analysis of Go-Kart Chassis and different sub-assemblies.</li> <li>• Analysis of Chassis for different loading condition and impact testing to safeguard the driver inside the cockpit.</li> <li>• Design and assembly of hydraulic braking system.</li> <li>• Body panel design and mounting on the vehicle.</li> <li>• Preparation of design report &amp; cost report.</li> </ul> <p><b>Tools Used:</b> Solidworks, Ansys structural analysis.</p> <p><b>Role In Team:</b> Team Vice Captain</p>

## WORK EXPERIENCE

- Worked as a **JUNIOR DESIGN ENGINEER** in **IIPED, Bengaluru** for 6 months.
- Worked in **ASTS GLOBAL, Bengaluru** for 6 months.
- Work experience of one year in **AVEVA PDMS, CAESER II.**
- Worked as an intern In **SONALIKA INTERNATIONAL TRACTORS LTD., Hoshiarpur** for 4 months.

## EXTRA-CURRICULAR ACTIVITIES, AWARDS AND MEMBERSHIPS

- **ACTIVE MEMBER** of college SAE CLUB.
- Participated in **BAJA 2016 (TEAM VENOM).**
- Represented team at BAJA VIRTUAL CHANDIGARH, worked as Team Vice Captain
- Participated in ELITE KARTING 2015.
- **Secured AIR 7<sup>th</sup>** position in ELITE KARTING 2015.

## BASIC SKILLS

- Aesthetic- Very creative problem solver.
- Theoretical-Able to create balance between economic return & other needs.
- Professionalism- Balance needs of self and others equally.
- Regulatory-Strong preference for following system creating one if none is available.
- Interpersonal skills- Passionate about learning and continually in learning mode.

## HOBBIES & INTEREST

- Playing Basketball, Cricket, Swimming
- Travelling
- Listening Music

## PERSONAL DETAILS

Name : Nitish Sharma  
Date of Birth : 19-01-1995  
Sex : Male  
Nationality : Indian  
Languages Known : English, Hindi and Punjabi  
Permanent Address : H.no-1150, Gali Hansli, Katra Mit Singh, Amritsar, Punjab-(143001)

Place: Bengaluru

Date: