



Name: Nitish Sharma
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PERSONAL STATEMENT:

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

Qualification	Board/University	Year of Passing	%/Grade
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

TECHNICAL BACKGROUND / TRAININGS / KEY SKILLS / CERTIFICATES

Training	E1- Beginner, E2- Intermediate, E3- Expert, E4- Master user	
Domain Training	Oil & Gas Piping Engineering Design & Analysis 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	AVEVA PDMS Equipment design, Pipework, Data consistency, Structure design, Panels, Walls & Floors, ASL modeler, Drafting, Isometrics in AUTOCAD, HVAC, Isodraft.	E2
	CAESER II 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
	PRIMAVERA OBS, EPS, Calender, WBS, Activities, Schedule, Activity network diagram, Activity codes.	E1
	NX-8.0 Part design, 3D modeling, Assembly, drafting, Manufacturing.	E1
	SOLIDWORKS Part design, Sheet metal Design, Surface Design, Assembly, Weldment, 3D modelling, Drafting.	E1
	AUTOCAD Drawing Creation(P&ID, PFD, Layouts, and all fabrication drawings)	E2

Productivity Tools	MS Office 2013	
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ACADEMIC PROJECTS

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

LIVE PROJECTS & WORK EXPERIENCE

UNITED SYSTEMS & PROJECTS (INDIA) PVT. LTD., Hyderabad	<p>Designation: Design Engineer (trainee)</p> <p>Title: Technical offer of tank design (Design calculation, P&ID)</p> <ul style="list-style-type: none"> • 2000 KL (16x11.3m) LDO storage tank and piping in Khurja Thermal Power Plant. • 11000 KL(36x15m) water tank in Ain Al Fayda store, Abu Dhabi.
IIPED, Bengaluru	<p>Designation: Junior Design Engineer</p> <p>Title: Pipe Analysis in CAESER II</p> <ul style="list-style-type: none"> • Chilled Water Pipe layout in Al Wakrah Stadium & Precinct, Qatar • Water pipe layout in Dubai World Central Residential District Infrastructure Construction, Dubai • Chilled Water Pipe Layout in Hotel & Complex of Al Najadah Souq, Qatar.

WORK EXPERIENCE

- Working as a **Engineer Trainee (Design)** in **United Systems & Projects (India) Pvt. Ltd, Hyderabad** (Sept,18- Present).
- Worked as a **Junior Design Engineer** in **IIPED, Bengaluru** for 1 year (June,17- July,18).
- Work experience of one year in **Autocad, 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 7th** 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: Hyderabad

Date: