

Diwakar Kumar Pal

Kalepadle, Hadapsar

Pune (Maharashtra) 411039

Mob No: 7744071689

Email-id: pal.diwakar94@gmail.com

Objective

I would like to pursue my career in a work environment that will utilize and reinforce my technical skills and abilities and also to apply and gain new cutting edge skills and experience in a rapidly changing field.

Qualification

Degree	Specialization	Board / University	Percentage	Year of Completion
Bachelor of Engineering	Mechanical Engineering	Rajiv Gandhi Proudhyogiki Vishwavidyalaya	80.00	2015
Higher Secondary	Science	Bihar School Examination Board	72.2	2011
High School		Bihar School Examination Board	67.4	2009

Professional Summery

- Three year experience in product design & development in the area of Mechanical Seal, SPM, Robotic cell, Hydraulic press & Assembly line
- Good understanding of GD&T standard
- Evaluate feasibility of design ideas, based on factor such as appearance, safety, function, serviceability, cost
- Proficient in part modelling, assembly, drafting in Solidedge ST8.
- Ability to prepare basic design concept as per customer requirements
- Good visualization skills helpful in solving problems that might arise in the field

Experience**EagleBurgmann India Pvt Ltd, Pune**

(From 26 Oct 2017 to till date)

Designation: Design Engineer

Software:- Solidedge ST8, TeamCenter, Documentum Webtop, SAP & e.t.c

Description:

- Working on Solidedge ST8 & TeamCenter
- Working for Germany only
- Prepare design of different type of mechanical seal (Cartex, Apitex, Metal bellow, H75, SH) for Pump
- Good knowledge of API Plan
- Prepare detailed and top assembly drawing of mechanical seal
- Getting approval from customer
- Prepare BOM as per top assembly

JK Automation & Technology Pvt Ltd, Pune(From 11th July 2015 to 10 May 2017)

Designation: Mechanical Design Engineer

Software: Solidedge ST5 and AutoCAD 2010

Description:

- Worked on software Solidedge ST5, Autocad
- Understanding customer requirements
- Arrange the CFT(cross functional team) and discuss the basic design concept and taking their suggestion
- Prepare basic conceptual design as per customer requirements
- Getting conceptual design approval from customer for actual design
- Preparing the time estimation work sheet for the project

P.T.O.

- Working on actual design of the approved project considering all feasibilities
- Creating BOM as per design & customer requirements
- Creating the manufacturing and assembly drawing with proper GD&T details
- Prepare all assembly part drawing and check by authorize person
- Finally released the part and assembly drawings for manufacturing

Software

Software	Competency	Level of Skill	Training centre/organization
Solidedge ST8	Part Modelling, Assembly, sheet metal, Drafting	Excellent knowledge in Part Modelling, Assembly, sheet metal & Drafting	JK Automation & Technology pvt ltd, Pune
CATIA V5	Part Modelling, Assembly, sheet metal, Drafting	Good knowledge in Part Modelling, Assembly, sheet metal & Drafting	CRISP, Bhopal
ANSYS 10.1	Structural analysis	Good knowledge in structural analysis	SISTec, Bhopal
Auto CAD-2013	Drafting, detailing	Good knowledge in Drafting	JK Automation & Technology pvt ltd, Pune

Project

Major Project

(12st Feb - 21st May, 2015)

(Structural & Vibrational Analysis of Aircraft Wings) at (SISTec, Bhopal)

Description:

- The Project deals with the different stacking angles of composite materials used in making aircraft wings
- The Project consists of 3D-modelling, Node meshing and analysis on ANSYS.
- This analysis results in reduction of fluttering speed of Aircraft Wings.

Minor Project

(1st March-31st March, 2014)

(Power Generation Through Low Heat Source) at (SISTec, Bhopal)

Description:

- Only one time feeding is required in the power plant.
- The power plant could generate electricity for long period till any leakage does not occur in it.
- The source used for providing heat to the working fluid is easily available and heating sources can be those which uses renewal sources of energy.

Certification

- Certificate in Catia
- Certificate in Ansys
- Certificate in RC Aircraft conducted by IIT Kanpur Skyfy lab
- Certificate in IC Engine workshop conducted by BOSCH Service

Hobby/Activity

- Secured 3rd position in "Dominos effect" event in IISER, Bhopal
- Won 1st Position in State Level Model Competition (SRIJAN-2013)
- Won best design award in RC Aircraft fabrication and flying conducted by Aerotrix
- Organised a workshop on RC Aircraft for 2nd year student in collaboration with college faculties

Skills

- Problem solving
- Hard working, Team Player, Good Time manager
- Good ability to analyse information
- Good Communication skills

P.T.O.

Personal Details

Date of Birth	15-06-1994
Place of Birth	Gopalganj, Bihar
Nationality	Indian
Language	Hindi, English
Passport No	P2006882

I hereby declare that the statement made above is true and correct to the best of my knowledge and belief

Date:

Signature

Place:

Diwakar Kumar Pal