



Anandhu Prasad

Design Engineer

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India-410208

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About Me

Design Engineer with over 3 years of experience in CAD modeling and product development.

Proficient in mechanical design softwares like AutoCAD & Solidworks, SolidEdge, Ansys Workbench and MS Office.

Ability to prepare design calculations, sketches, diagrams, schematic drawings, working drawings.

Skills

- CAD Modelling
- Project Management
- Problem Solving
- Leadership
- Creativity
- Communication Skills

Softwares

- SOLIDWORKS
- SOLIDEDGE
- AUTOCAD
- DRAFTSIGHT
- ANSYS

Work Experience

April 22 DESIGN ENGINEER | TEJ CONTROL SYSTEMS PVT.LTD

- Current

TEJ Machine vision systems helps in providing vision based quality inspection solutions for various industries like Pharmaceutical, Agriculture, FMCG, Defense etc.

- Prepare 3-dimensional CAD models and drawings, Sheet Metal parts and assemblies of Special Purpose machines, Conveyors, Material handling equipment's, Pneumatic as well as Robotic Pick & Place Systems.
- Working experience with SOLIDEDGE & AutoCAD, ERP Software, MS office etc.
- Prepare manufacturing/assembly drawings using appropriate GD&T, generate and upload BOM in ERP.
- Visit customers with application team for understanding their needs and providing appropriate solutions for their applications.
- Bought Out part Selection from catalogues.
- Provide Engineering technical support and Coordination with cross functional teams like E&I, Quality, Purchasing for the timely completion of projects.
- Sub-Vendor offer review and Sub Vendor drawings/documents review.
- Ensure preparation of spares and maintenance manuals through team members as per the ISO 9001 procedures..
- Participate in internal and external audits and Kick Off meeting when required.

Sept '19 DESIGN ENGINEER | ELMACH PACKAGES (INDIA) PVT LTD

- April 22

ELMACH is engaged in manufacturing of Blister Packaging Machines and Cartoner Machines with a market share of more than 3600 blister pack machines in more than 100 countries

- Responsible for making Blister layouts and unique blister designs for Tablets, Syringes, Ampoules, Vials, etc
- Using parameterization for error free designs in less time.
- Generate 3D data models from provided physical samples & then generate 2D manufacturing drawings and mockups in the format provided by clients.
- Created 3D models and drawings of interchangeable parts for Blister Packaging Machines using AutoCAD and Solid Works.

Personal Details

Passport No.: U7199841
Driving License No.: MH46 20180000070
Date of birth: 07/06/1997
Age: 25
Sex: Male
Nationality: Indian
Languages known: English, Hindi, Malayalam

July 18 INTERN | CENTRAL RAILWAY LOCO WORKSHOP, Parel

- Got an understanding about the parameters of works at one of the largest and oldest repair Workshops of the Indian Railways and their objectives and got to know more about a railway engine
- Gained experience in how diversified repair/manufacturing activities like Manufacture & Repair of Broad Gauge Diesel Locos & Narrow Gauge Diesel Locos, Rehabilitation of Coaches of Indian Railways are done at the workshop.

June 18 INTERN | CEC-ITD CEM TPL Joint Venture, Dadar

- Got an exposure in the Design and Construction of Underground Section of Mumbai Metro Line 3 Project, including Three Underground Stations at Siddhi Vinayak, Dadar and Shitladevi Temple and Associated Tunnels
- Gained basic knowledge of the various machines and mechanical equipments used on site like TBM, Rail Mounted 150 Ton Gantry Crane, 220 and 75 Ton Telescopic Crane, 17 Ton Crawler Crane, Piling Rig, Excavators, Dumpers etc
- Also, assisted a team of Senior engineers in the assembly of Tunnel Boring Machine.

June 17 INTERN | JINDAL STEEL WORKS, Dolvi

- Got hands on experience on how liquid metal was produced in one of the largest and biggest Blast Furnace in the history of Steel Plants across Asia
 - Understood the works inside a Blast Furnace and its supporting facilities like stock house, blower house, hot blast stove, gas cleaning plant, pump house, slag granulation plant, torpedo ladle repair shop etc.
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Education

2015 – 2019 Bachelor of Engineering (B.E) – Mechanical

University : Mumbai University, India

2015 Higher Secondary Certification (H.S.C)

Board : Central Board of Secondary Examination, Maharashtra, India

2013 Secondary School Certification (S.S.C)

Board : Central Board of Secondary Examination, Maharashtra, India

Professional Certification And Training

- Diploma in CAD/ CAE - Certified by Maharashtra State Skill Development Society
- AutoCAD - Certified by Maharashtra State Skill Development Society
- Solid Woks -Certified by Maharashtra State Skill Development Society
- Ansys Workbench -Certified by Maharashtra State Skill Development Society
- 3D Printing -Certified by Maharashtra State Skill Development