



AJIT KUMAR OJHA

DESIGN ENGINEER

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PROFILE SUMMARY

- Result-oriented professional with **5.6 years** of rich experience in **Mechanical Product Design & BOM Management (Windchil & SAP MM)**.
- Proficiency in **New product development (NPD), Manufacturing engineering, Design engineering** with focus on **research and development**.
- Skilled in managing & deploying resources with focus on optimization & cost savings on products.
- Exposure in **material standards** (ASME, DIN, ISO, IS), GD & T, welding, machining processes and some new technical skill like GPS, bolt calculation, o-ring calculation training is going on.
- Designed sheet metal components and structural parts for **steel and industrial machinery manufacturing** units.
- Possess admirable problem-solving, communication, and time-management skills with profile of utilizing process-oriented approach towards the accomplishment of profit, service, and organizational goals.

CAREER TIMELINE



WORK EXPERIENCE

FESTO INDIA PVT LTD

MAY22-CONTINUE

Key Result Areas:

- Hands on experience in Creo, Windchill, Benchmarking of competitor products with Festo products, feasibility study and cost optimization project.
- Interfacing with R&D for approval of drawings in case drawing needs modifications.
- Designing, documenting & detailing out all physical aspects of product line by generating 3D CAD files and BOMs.
- Creating Pneumatic 3D model & drawings as per Client requirement, preparing standard documents of Pneumatic drawings.
- Executing complete project life cycle from stage of requirement gathering till final execution.
- Entrusted with the responsibility of overall design relasing through PLM Windchill including ECR, ECN & ECO.
- Communicating and exchanging feedback related to design with German HQ colleagues.
- Validation of Existing design and implementing reverse engineering.
- Working as an SAP end user and responsible for SAP BOM creation & BOM management, Material code Creation using SAP ECC & S/4 HANA MM.
- Configured MM Organizational Elements: Company code, Purchasing organization, Plant, and storage location.

CORE COMPETENCIES

Design Engineering	Sheet Metal
3D Modeling	ECR, ECM & ECO
Bench marking	Skeleton Modelling
Cost reduction	EV
BOM Creation (PLM & SAP)	PDP
Parametric Modeling	Large Assembly
Product Part Modelling & Assembly	

TECHNICAL SKILLS

CREO PARAMATRIC	SAP S/4 HANA MM	
AUTOCAD	CATIA V5	PLM (WINDCHILL)
SAP S/4 HANA MM	Siemens NX	CURA
MS PowerPoint	CREO DIRECT DRAFTING	

CERTIFICATION



MASTER CERTIFICATE FOR CAD/CAM

Highlights:

- Received appreciation mail by client for delivering efficient quality work in minimum time.
- Saved cost through innovative design approach & successful in attaining a significant reduction on material cost.
- Reduced scrap cost of components by continuous improvement in procedures.
- Delivered quality drawing which helped in increasing the productivity & accuracy and reducing the rejections.

DESIGN ENGINEER, RANDSTAD INDIA PVT LTD, JAMSHEDPUR

JULY21-MAR22

Key Result Areas:

- Providing technical support to all function of projects for TATA STEEL.
- Responsible for Preparing of Technical Specification, GA and Fabrication Drawing, layout, technical Query and
- Co-ordination with Cross Function Team.
- Preparation, incorporation, comment resolution and approval of GAD for CAL, CGL-1 & CGL-2.
- Managing product portfolio and technical design of product.
- Responsible For Preparation & Checking of BOM In PLM PTC WINDCHILL 12.0 & SAP.
- Design Products for Special Requirements Using CREO Parametric (IN SKELETON environment). Responsible as Project Manager for PLM Windchill support

Highlights:

- Drawings and prepared 3D model using skeleton modelling to proper visualize the job.
- 3D Design, feasibility study, and implementation of Teeming Ladle Transfer Car, scrap ladle transfer car, Bypass valve.
- Weld sequence, machining, and assembly sequence

PRODUCT ENGINEER, CTTC, BBSR

JAN18-JUN21

Key Result Areas:

- Development of customize material handling equipment's, Precision Product for ISRO, HAL, ADDA and prepare 2D & 3D manufacturing design as per customer need.
- Work With Production to Understand Our Process Capabilities and Develop Ideas That Reduces Cost and Improve Quality.
- Thoroughly checking manufacturing drawing & prepare FIM (free issue of material), process BOM, control plan for given projects.
- Developed test prototype & identify solution to improve production efficiency.
- Estimate cost limits and budgets for new designs and supervise the manufacture process of all design.
- Business development and new product development strategy for current and new product range.
- Deliver training regarding design software like **CREO7.0, CATIAV5 SOLIDWORKS2021, NX12, AUTOCAD2019, MASTERCAMX5/2018.**



EDUCATION

B.TECH. (MECHANICAL ENGINEERING)

BHADRAK INSTITUTE OF ENGINEERING & TECHNOLOGY, ODISHA, 2017

INTERMEDIATE (SCIENCE)

BHADRAK JUNIOR COLLEGE, BHADRAK, 2013

MATRICULATION

G.P HIGH SCHOOL, BHADRAK, 2011

PERSONAL DETAILS

Date of Birth 17th MAY 1996

Languages Known English, Hindi, Odia & Bengali

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