

BHANU V J

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PERSONAL STATEMENT

Mechanical Design Engineer with design and analysis experience in a multi-disciplinary group, high-reliability environment. Extensively working on Fixture design and development, Special Purpose Machines, Carts, Lifting Device, High Precision Measuring instruments, Cycle Time Reduction, Line Balancing, Ergonomics, Team & Project Management.

I'm looking to develop and share my expertise and knowledge with a leading engineering firm focused on Manufacturing Engineering.

STRENGTH

Technical

- An astute professional with 13+ years of experience in various industry like industrial, Heavy Engineering, Automation & Precision product manufacturing etc.
- Leading team of 11+ members on Technology Development, Fixture, Carts, Lifting Device New Manufacturing line and sustaining.
- Working with Global Engineering Teams based in the USA and China to develop new welding, machining Fixtures, and Process Improvement in compliance with OSHA standards.
- Lead, manage, and mentor a cross-functional offshore team, ensuring alignment with project goals and organizational objectives.
- Coordinate with suppliers and Mfg. sites for implementing the validation plan. Interact with global manufacturing engineers regularly to prioritize and manage projects.
- Provide guidance and support to resolve technical and operational challenges, ensuring that all deliverables meet or exceed client expectations.
- Facilitate daily/weekly stand-ups, status meetings, and reviews to track project progress and team performance.
- Conduct & Participate in Design Review to gain consensus from the cross functional teams. Interface with manufacturing and engineering teams to understand the requirements in the early design stage.
- Act as the primary liaison between the offshore team and onshore stakeholders, ensuring clear, effective communication across time zones.
- Design Review of Selection of materials & Hydraulic cylinders, pneumatic clamps. toggle clamps, Hydraulic Power Pack, Manipulators, Safety Sensors & Welding Robots for different process improvement varieties.
- Proficient DFMA, FMEA with approach to structural problem solving and decision making.
- Current process Time study by using Timer pro Software to identify VA, NVA & RNVA.
- Hands-on experience working on Problem-solving techniques like Fishbone diagram & 5why.
- Good team player with an interpersonal and communication skill set that enables me to establish and maintain high relationships across the board.

Tools

- Proe, Solid Edge, SolidWorks, AutoCAD, Enovia, PLM, Timer Pro.
- Work management tools like ERP, JIRA, AS400, SAP, Power BI.

Training & Certifications

- Trained at IMTMA Pune on Fixture Design. (It was six days of training they covered welding & machined fixture and testing fixture etc.)
- Trained in Hydraulics and accessories from Yuken India Bangalore.

Professional Achievements

- Received Four-time "PRASHANSA" award based on customer feedback and on-time Delivery & Quality(Dover).
 - Honored to be recognized with the Leading-edge idea award for 2023(Terex).
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EMPLOYMENT

Company	Designation	Period
Terex India Pvt Ltd	Lead Engineer	Apr-2023 to Present
Dover India Pvt Ltd	Senior Design Engineer	Nov-2014 to Apr-2023
Wipro Infrastructure Engineering	Engineer-R&D	Dec-2013 to Sep-2014
UCAM PVT LTD	Jr-Engineer Design	Jun-2011 to Nov-2013

Projects Executed:

Process/Fixture Design

- Digger Line Current process Time study by using Timer Pro Software to identify VA, NVA & RNVA.
- Digger New Assembly Line design and implementation.
- Optima Boom Rotation Fixture.
- LT-40 Turn Table Machining Fixture.
- Pole Puller Cylinder Lifting Device.
- 5s Kit Cart for Turn Table Parts.

New Product Development

- Design & development of Pneumatic gripper of 84N series.
- Design & development of Pneumatic gripper of 92N5 series.
- Design & development of Air Operated Double Diaphragm Pump.
- Internal Gear Pump for Tank fuel loading & unloading application.

Product Enhancement / Modification

- Operator Ergonomics Improvement projects.
- SOP and Guideline document.
- DFM Project –Back Panel to Tank Joint Alignment-(HSVG)
- End Access Hole for Upper Rear Baffle – DFA.
- Development of test setup with suitable electronic equipment selection for Gripper testing.

EDUCATION

Degree	Institution	Percentage	Year of Pass
Bachelor of Engineering in Mechanical From VTU	BMS College of Engineering Bangalore (Evening)	6.70 (CGPA)	2022
Diploma in Mechanical Engineering from Bangalore University	Government Polytechnic Tumkur	70.04 %	2011
SSLC (Karnataka Higher Education Board)	Government High School Patrehalli	82.08%	2007

PERSONAL DETAILS

Father Name : Jayadevappa
Date of Birth : 23 December 1991
Marital status : Male
Passport : N7383613 (India)
B1/B2 USA Visa : U6432041 (Expiration Date:16-06-2034)
Linguistic Proficiency : English, Kannada, Telugu,

AREAS OF INTEREST

Manufacturing Engineering | Team Management | Product Design | Project Management

I Bhanu V J, hereby declare that the information furnished above is true to my knowledge and belief.

-BHANU V J