

BHUVNESHWAR MAHADEV

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Summary

I am a passionate engineer specializing in Industrial and Production, dedicated to applying my knowledge in practical settings. My experience includes multiple internships and collaborations on engineering projects which cultivate both my technical and leadership skills. I've achieved notable rankings in national competitions and consistently seek out collaborative opportunities to innovate and improve processes

Skills

- Technical skills: Production | Manufacturing | Industrial Engineering | Inventory control | Supply chain Management | Project Management | Quality Control | CAD/CAM | SQL | Data Analytics | Python | Project Management
- Process Improvement & Lean Manufacturing |Lean Manufacturing Principles|5S Implementation & Auditing|Kaizen (Continuous Improvement)|SMED (Quick Changeover)| Value Stream Mapping (VSM)| Time & Motion Study|Waste Reduction (7 Muda)
- Quality Control & Analysis Statistical Quality Control (SQC) |Control Charts (\bar{X} -R, p, np, c Charts)| Process Capability Studies (Cp, Cpk)| Root Cause Analysis (RCA) | & | 7 QC Tools| In-Process & Final Quality Checks
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- Software & Tools |Minitab (Control Charts, Capability Analysis)| MS Excel (Production Reports, Charts, Data Analysis)| AutoCAD / SolidWorks| Microsoft Word & PowerPoint|
- Soft Skills |Strong Problem-Solving Ability| Fast Learner & Adaptive to Shopfloor Challenges| Team Collaboration & Leadership| Time Management & Discipline| Report Preparation & Documentation| Technical drawings| Scheduling and planning |

Experience

Executive Engineer

08/2023 to Current

CG Power and Industrial Solutions Ltd

BHOPAL, INDIA

- Production Engineer – Transformer Manufacturing Company (Core Connection, Tanking, and Industrial Production Areas)
- Key Responsibilities:
 - Core Connection & Assembly
Performed precise core coil assembly and core connection processes for distribution and power transformers & reactors (up to [30 MVA to 500 MVA & 765KV]).
 - Ensured proper alignment, insulation, and torque tightening of core bolts to minimize losses and prevent vibrations.
 - Followed standard operating procedures (SOPs) to maintain high-quality standards in core stacking and lead connection.

Tanking & Final Assembly

- Supervised and executed transformer tanking operations, ensuring proper placement of core-coil assembly inside the tank with accurate alignment.
Carried out oil filling (under vacuum), bushing mounting, conservator installation, and radiator fitting with safety and precision.
Coordinated with testing and quality teams for leakage tests, pressure tests, and final inspection.

Executive Engineer
Mittal Appliances Limited

03/2023 to 07/2023
Pithampur, INDIA

- Sheet Metal Component Manufacturing (Cup, Case Cup & Coin Tube):
Supervised deep drawing, blanking, piercing, and trimming operations to produce high-precision brass components.
Ensured proper die setup and press machine operation for consistent part quality and dimensional accuracy.
- Managed daily production activities including manpower planning, machine utilization, and shift coordination.
Monitored production targets, minimized downtime, and ensured timely delivery to meet customer demands.

Intern
Gajra Gears Pvt Ltd

08/2022 to 09/2022
Dewash, INDIA

- Gear manufacturing company
- Gained introduction to gear manufacturing process
 - Understood the heat treatment process of gears

Intern
Bonton Technomake Pvt Ltd

06/2022 to 08/2022
Indore, INDIA

- Manufacturing company specializing in furniture
- Studied the manufacturing process of different types of furniture products
 - Conducted time studies for various operations
 - Performed Group technology & value stream mapping for some processes
 - Optimized Wooden Section Layout using AutoCAD and basic principles of industrial engineering

Intern
coching depo indore

05/2021 to 06/2021
Indore, INDIA

- Coaching Depo focusing on railway maintenance
- Basic knowledge of Maintenance of Coaches
 - Designed a Layout for Water Recycling Plant
 - Implemented 5S in storeroom of Railway Depo

Education

Bachelor of Engineering: Industrial And Production Engineering **06/2023**
SHRI GOVINDRAM SEKSARIA INSTITUTE OF TECHNOLOGY & Indore

Diploma: Mechanical **07/2020**
Govt. Polytechni College Harda Harda

Associate of Science: Science **06/2017**
Excellence School Timarni

Certifications

- Six Sigma Yellow Belt
- Total Quality Management,
- Operation Management
- Automation Production System & CIM
- Business analytics, and Supply chain

Languages

English: First Language

Hindi: **C2**

Proficient (C2)

Academic Projects

Industry 4.0 **01/2023- 06/2023**

- Research project on Industry 4.0, focusing on surveys and implementation
- Developed a Questionnaire Survey form and circulated it to various industry
 - Empirical relation of Industry 4.0 enablers for successful implementation in the automotive sector

Smart Grass Cutter **01/2022- 05/2022**

- Engineering project focused on creating a sustainable robotic solution
- Designed and developed a fully automated grass cutting robotic vehicle
 - Powered by solar energy, eliminating the need for external power sources