

SALIL CHANDRA MISHRA

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PROFESSIONAL SUMMARY

Mechanical Engineer with Graduate Engineer Trainee experience in high-volume manufacturing environments. Skilled in Production Operations, Lean Manufacturing, Root Cause Analysis (RCA), CAPA, Quality Control, Process Improvement, Production KPI Monitoring, and Cross-Functional Coordination. Hands-on exposure to manufacturing operations, continuous improvement initiatives, and industrial project execution.

Seeking opportunities as Graduate Engineer Trainee in Product Engineering, Vehicle Engineering, Design Engineering, Manufacturing, Quality and Industrial Engineering.

EXPERIENCE

VIVO MOBILE INDIA PVT. LTD. February 2025 - November 2025

Graduate Engineer Trainee

- Managed daily production line activities to support manufacturing targets and operational efficiency.
- Monitored critical production KPIs including Line Efficiency, DPPM, Appearance Defects, and PQC Non-Conformities.
- Conducted Root Cause Analysis (RCA) and supported implementation of Corrective & Preventive Actions (CAPA).
- Coordinated with Production, Quality, Maintenance, and Process teams to resolve manufacturing abnormalities.
- Controlled A-Class and B-Class material scrap and supported cost reduction initiatives.
- Participated in Lean Manufacturing and continuous improvement activities to enhance productivity and quality.
- Assisted in manpower coordination and production monitoring activities.
- Ensured adherence to quality standards, process compliance, and operational procedures.

SCHINDLER INDIA PVT. LTD. October 2024 - November 2024

Intern- New Installation Fulfillment

- Assisted in elevator and escalator installation projects.
- Supported project coordination, technical documentation, and site execution activities.
- Worked with installation teams to ensure timely completion of project milestones.
- Gained exposure to industrial safety standards, quality practices, and project management processes.
- Assisted in monitoring installation activities and maintaining project documentation.

EDUCATION

GL BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT 2021-25

Bachelor of Technology
Grades - **6.5**

RADIANT CENTRAL CHILDREN ACADEMY AMBEDKAR NAGAR 2020-21

Intermediate
Grades - **80%**

TRIBHUVAN DEVI ACADEMY KADIPUR 2018-19

High School
Grades - **86%**

PROJECTS

FABRICATION AND CHARACTERIZATION OF ALUMINIUM-BASED METAL MATRIX COMPOSITE

- Developed Al-6061 Metal Matrix Composite reinforced with Cr, Fe, Ni, Ti, and Zn using the Stir Casting process.
- Conducted tensile, hardness, wear, and microstructural testing.
- Evaluated improvements in strength, hardness, and wear resistance.
- Analyzed mechanical and tribological performance of developed composites.

FRICION STIR PROCESSING OF ALUMINIUM ALLOY

- Studied microstructure refinement using friction stir processing techniques.
- Investigated the effect of processing parameters on material properties.
- Evaluated improvements in material performance and structural characteristics.

CORE COMPETENCIES

TECHNICAL SKILLS

Lean Manufacturing
Root Cause Analysis (RCA)
CAPA
5 Why Analysis
Fishbone Diagram (Ishikawa)
Quality Control
Quality Assurance
DPPM Monitoring
Process Improvement
Production KPI Monitoring
Kaizen Fundamentals
Basic 7 QC Tools
OEE Fundamentals
Production Planning & Control (PPC)

SOFTWARE SKILLS

SolidWorks (Part Modeling, Assembly Design & Engineering Drafting)
AutoCAD (2D Drafting & Layout Design)
Engineering Drawing Interpretation
MS Excel
MS Word
