

RESUME



AMAN MILIND KATE

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Permanent Address:

Plot no.32, kalavati
nagar, opposite kamal
crest colony, hudheshwar
road pipla, Nagpur (M.H)-
440034

Work Experience: 1 year

Personal Information:

Father's Name:

MR. MILIND KATE

Marital Status:

Unmarried

Date of Birth:

23/04/1995

Sex: Male

Nationality: Indian

CARRIER OBJECTIVE'S:

To attain a responsible position providing me an opportunity to make a strong contribution to achieve organizational goals through continued development of professional skills and knowledge.

EDUCATIONAL CREDENTIALS:

- B.E. (Mechanical Engineering), 2016, RTMNU (Rashtrasant Tukadoji Maharaj University), Nagpur with 66%.
- DIPLOMA (Mechanical Engineering), 2013, MSBTE Board (Maharashtra state board of technical education), Mumbai with 69.49%.
- High School (ALL), 2010, MSBSE Board (Maharashtra state board of secondary education), Nagpur with 77.45%

WORK EXPERIENCE:-

Company: MSP STEEL & POWER PVT TLD.

Job Profile: GRADUATED ENGINEERING TRAINEE.

Job Experience: 1 year (July-2017 to August-2018).

Job Responsibilities:

- Schedule based vibration monitoring of rotating equipment for Power plant, Sponge iron division, Pallet plant, Steel melting shop, Structural & rolling mill and Ferro alloy division.
- The job involved data collection, data analysis and report generation.
- The jobs also include reporting the present machine vibration severity level, bearing health check and trending.
- To maintain history /record of vibration monitoring data and to create awareness to mechanical maintenance department.
- Identification of structural resonance related problem and soft foot correction.
- Hands of experience in analysis like equipment unbalance, misalignment, mechanical looseness, bearing failure, blade pass-vane pass, gear, soft foot and belt related problem.
- Bump tests performed on rotating machinery components like coupling, pulley etc to resonance /critical speed.
- In-situ dynamic and static balancing of fan and blower at different sites.
- Checking viscosity of oil & basic knowledge of thermography.

INSTRUMENT USED:-

- **Leonova infinity (SPM)** - Vibration Analyzer/ Data Collector/ DAT - Recorder with Software made in Switzerland.
- **SPM AT 30 (Field Balancer).**
- **CMAS 100-SL (Vibration meter)**
- **SPM A 4010 (Shock pulse analyzer plus)**

CERTIFICATION COURSE:

- Completed 6 months '**CAD Engineering**' course from **CADCAMGURU solutions Pvt. LTD Pune.**

TECHNICAL QUALIFICATION:

- **CAD Engineering, GD&T Applications, Fitments,** Part Modeling, Surfacing, Sheet Metal, Assembly, Drafting, BOM, Mechanism, Boolean Operation, Re-Mastering, A-b Conversion.
- **Software Tools:** CATIA V5, UGNX 9.0, CREO PARAMETRIC 3.0, ZW-CAD.

ENGINEERING PROJECT:

Title: AUTOMATIC BAR FEEDING MECHANISM IN HACK SAW.

Description: The main purpose of this project to eliminate the manual effort for holding Round Bar.

Applying by feeding mechanism in a machine to move work piece in forward and reverse direction.

Once the bar is hold on the mechanism the hack saw machine cuts the bar in required length.

MINI PROJECT'S:

TITLE: CONNECTING ROD (CREO)

Description: Part Modeling, Drafting and Study of its Materials.

TITLE: U-SHAPE MOUNTING BRACKET (UG NX)

Description: Part Modeling, Drafting and Study of its Materials.

TITLE: REMASTERING OF FOOT PADEL (CATIA)

Description: Part Modeling, Drafting and Study of its Materials.

TITLE: A TO B CONVERSION (CATIA)

Description: Part Modeling, Drafting and Study of its Materials.

TITLE: FEED CHECK VALVE (THEORY PROJECT)

Description: GD& T , Part Modeling, Drafting and Study of its Materials.

DECLARATION:

I here declare that the above particulars furnished by me are true to the best of my knowledge and belief.

DATE:

PLACE:

(Aman Milind Kate)