

# RAJESH KUMAR

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## PROFESSIONAL SUMMARY

Highly experienced and safety-oriented **Senior Mechanical Fitter** with **11 years and 5 months** of extensive experience in the automobile, heavy engineering, and manufacturing sectors. Proven expertise in erection, commissioning, and maintenance of heavy machinery. Strong track record of leading maintenance teams, reducing breakdown time, and implementing preventive maintenance schedules. Expert in hydraulic/pneumatic systems and precision assembly.

## CORE SKILLS

- **Machine Assembly & Erection:** Conveyor systems, heavy turbines, gearbox overhauling.
- **Maintenance Management:** Root Cause Analysis (RCA), MTTR & MTBF reduction, TPM implementation.
- **Precision Measurement:** Laser alignment, Dial indicators, Micrometers (0-100mm), Bore gauges.
- **Fabrication & Fitting:** Complex blueprint reading, Arc/TIG Welding basics, Drilling, Tapping.
- **Team Leadership:** Shift supervision, training junior fitters, safety compliance (HSE).

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## PROFESSIONAL EXPERIENCE

**Tata Motors Ltd.** | Pune, Maharashtra **Lead Mechanical Fitter / Shift In-Charge** | August 2020 – Present (5 Years, 5 Months)

- Leading a team of 12 junior fitters and technicians in the assembly line maintenance department.
- Overseeing the erection and commissioning of new robotic arm units and conveyor belts, ensuring 100% alignment accuracy.
- Reduced machine downtime by 25% by implementing a strict **Preventive Maintenance (PM)** schedule for critical hydraulic presses.
- diagnosing complex mechanical faults in gearboxes and pneumatic cylinders using root cause analysis.
- Maintaining spare parts inventory and coordinating with the purchase department to ensure zero stock-outs during critical breakdowns.

**Godrej & Boyce Mfg. Co. Ltd.** | Mumbai, Maharashtra **Senior Fitter** | April 2016 – July 2020 (4 Years, 4 Months)

- Performed precision assembly of locking mechanisms and heavy security vaults.
- Handled breakdown maintenance for CNC and VMC machines, ensuring quick restoration of production.
- Specialized in the alignment of motor pumps and shafts using dial gauges within 0.02mm tolerance.
- Actively participated in **Kaizen initiatives**, suggesting 5 process improvements that saved ₹2 Lakhs annually in material wastage.
- Mentored apprentices on reading engineering drawings and shop floor safety standards.

**Larsen & Toubro (L&T) Heavy Engineering | Hazira, Gujarat Mechanical Fitter | July 2014 – March 2016 (1 Year, 8 Months)**

- Started career in the heavy fabrication yard, assisting in the assembly of heat exchangers and pressure vessels.
  - Performed bench fitting operations: filing, sawing, chipping, and scraping to finish metal components.
  - Assisted in hydrostatic testing of valves and pipelines.
  - Gained hands-on experience in overhead crane signaling and rigging operations.
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## EDUCATION

- **ITI in Fitter Trade (NCVT)** Govt. Industrial Training Institute, Surat | 2014
  - **Higher Secondary (12th Pass)** Gujarat Secondary Education Board | 2012
  - **High School (10th Pass)** Gujarat Secondary Education Board | 2010
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## CERTIFICATIONS & TRAINING

- **Advanced Hydraulics & Pneumatics** – Certified by ATI (Advanced Training Institute).
  - **Industrial Safety Management** – OSHA Standard Training.
  - **AutoCAD Basics** – Ability to read and interpret 2D mechanical drawings.
  - Certified in **5S and Kaizen** methodologies.
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## PERSONAL DETAILS

- **Date of Birth:** 10th May 1994
- **Languages Known:** Hindi, English, Gujarati, Marathi
- **Marital Status:** Married
- **Current Location:** Pune, Maharashtra (Willing to relocate)