

RAKESH S. CHAUHAN

Service Engineer & Technician | Maintenance & Diagnostics

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D/58 Narayan Nagar -5, Bharuch, Gujarat, India (392001)

SUMMARY

Heavy Equipment Technician/Engineer with more than 8 years of experience in diagnosing, repairing, and maintaining heavy machinery. Proficient in working with a diverse fleet including Trucks, Wheel Loaders, Excavators, Dozers, Cranes, and Articulated Dump Trucks. Adept at troubleshooting complex mechanical issues, performing preventative maintenance, and strictly adhering to safety regulations. Strong ability to work independently or as part of a team to ensure minimal downtime and optimal equipment performance. Expert in diesel engines, hydraulic systems, and electrical components.

PROFESSIONAL SKILLS

Heavy Machinery Diagnostics

Hydraulic & Pneumatic Systems

Diesel Engine Overhauling

Transmission & Gearbox Repair

Preventative Maintenance Planning

Technical Communication & Reporting

Fleet Operations Management

Field Service & On-site Repairs

OEM Diagnostic Software (CATET/SIS2GO)

Workshop Supervision & Leadership

HSE & Safety Protocol Compliance

Inventory & Parts Management

PROFESSIONAL EXPERIENCE

Service Engineer & Technician

August 2025 – Present

AL-Bahar Caterpillar | Sharjah, UAE

Specialization: Caterpillar Machinery & Heavy Equipment

- Conduct comprehensive inspections and troubleshooting of earthmovers, dozers, and excavators to identify hydraulic, electrical, and structural faults.
- Execute routine and preventative maintenance schedules, including the precise replacement of filters, fluids, and critical wear components.
- Perform high-priority field service and on-site repairs using specialized diagnostic equipment and mobile toolsets to minimize machinery downtime.
- Manage spare parts procurement by identifying requirements, placing orders, and maintaining inventory accuracy for defective part returns.
- Utilize OEM software and technical manuals to generate detailed service reports, repair orders, and diagnostic findings for compliance.
- Coordinate with equipment owners and operators to provide technical updates and professional explanations of necessary repair procedures.

Service Technician / Engineer

April 2019 – June 2025

Dharma Enterprise | Rajkot, Gujarat, India

Specialization: Civil Industrial & Rental Contractor Fleet

- Managed the maintenance and repair operations for a diverse fleet of over 100 units, including dumper trucks, tankers, cranes, and hydras.
- Performed full overhauls of diesel engines, 10-speed gearboxes, automatic transmissions, and differential units to ensure peak performance.
- Maintained critical steering, pneumatic, and hydraulic systems across a wide variety of heavy construction and transport vehicles.

- Supervised team productivity and workmanship quality while ensuring strict adherence to Health, Safety, and Environment (HSE) standards.
- Prioritized complex maintenance tasks and equipment allocations to meet rigorous project deadlines under high-pressure conditions.
- Leveraged MS applications and management software to track fleet maintenance history, performance metrics, and equipment efficiency.

Workshop Technician / Supervisor

February 2017 – March 2019

Ravi Ratna Motor Pvt. Ltd | Bharuch, Gujarat, India

Specialization: Maruti Suzuki Authorized Dealership

- Supervised multi-discipline installation repairs and daily maintenance programs for a high-volume Maruti Suzuki authorized dealership.
- Coordinated inter-departmental activities to ensure seamless workflow continuity and the successful implementation of daily work plans.
- Allocated technical duties and monitored staff performance to ensure all service deadlines and repair targets were consistently achieved.
- Managed workshop consumables and spare parts documentation to maintain optimal replenishment levels and reduce operational delays.
- Provided expert-level technical advice and troubleshooting for complex mechanical issues and equipment system failures.
- Generated comprehensive checklists and forward-looking reports for analysis and integration into the formal maintenance records system.

EDUCATION

Graduation in Automobile engineering

2016

- Govt. Engineering College, Modasa, Gujarat

Diploma in Engineering

2013

- Parul Institute of Engineering College, Waghodia, Gujarat

Matriculation

2010

- Allied High School, Bharuch

Diploma in Automobile engineering

PERSONAL DETAILS

- **Passport Number:** R 2959062
- **Date of Birth:** 20/02/1995
- **Marital Status:** Married
- **Nationality:** Indian
- **Permanent Address:** Village – Bagaha Chauri, Dist. Deoria, Uttar Pradesh, India

TECHNICAL SKILLS

- **Equipment Proficiency:** CAT Articulated Dumpers (740, 745, 777) | Dozers (D6, D8, D9, D11) | Excavators (303, 320, 336 GC, 352) | Wheel Loaders (950 GC, 966, 988)
- **Diagnostic Tools:** CATET | SIS2GO | OEM Software | Fault Detection Tools
- MS Office Applications
- Design and Management Software
- OEM Diagnostic Software
- Diploma in engineering – Diploma in Automobile engineering

LANGUAGES

- English
- Hindi
- Gujarati