

ZARIN AHMED CHOUDHURY

Doha, Qatar | +974 77157765 | India (WhatsApp): +91 7002323688

Email: zarinchoudhury.1989@gmail.com | LinkedIn: linkedin.com/in/zarinchoudhury

PROFESSIONAL PROFILE

Senior Mechanical Engineering professional with 11+ years of hands-on and leadership experience managing over 700+ heavy equipment, machinery, and heavy vehicles across major infrastructure, oil & gas, and land development projects in the Middle East. Proficient in workshop operations, fleet optimization, and strategic maintenance planning. Expertise in handling a wide range of machinery including Excavators, Dozers, Graders, Wheel Loaders, Backhoe Loaders, Paver Machines, Compactors, Crushers, Tipper Trucks, and Cranes. Known for leading multicultural teams and ensuring compliance with international safety and operational standards.

CORE COMPETENCIES

- Heavy Equipment & Fleet Management: Excavator, Dozer, Grader, Wheel Loader, Backhoe Loader, Paver Machine, Compactor, Crusher, Tipper Truck, Cranes
- Maintenance Engineering: Preventive & Predictive Maintenance, Breakdown Analysis, TPM, Condition Monitoring
- Workshop & Operations Management: Spare Parts Inventory, Budgeting, ERP-Based Planning, Vendor Coordination
- Project Execution: Earthworks, Dredging, Trenching, Pipeline Works, Land Reclamation
- Leadership & HR: Managing 45+ Multinational Staff, Team Training, Cross-Cultural Communication
- Safety & Compliance: ARAMCO, Qatar Energy HSE Standards, Risk Assessment, Safety Audits
- Systems & Tools: ERP, SAP, CMMS, TMS, JCB LiveLink, CAT Product Link, CAT SIS, CAT ET, Komatsu KOMTRAX, Microsoft Office

PROFESSIONAL EXPERIENCE

HBK Contracting WLL, Qatar

Senior PMV Engineer | Jul 2023 - Present

- Oversee operations of 700+ heavy machinery and vehicles in Qatar Energy's LNG Project.
- Lead equipment execution and maintenance across trenching and infrastructure development.
- Manage 45+ technicians, foremen, and supervisors from diverse nationalities.
- Utilize predictive maintenance via ERP and TMS to optimize uptime and lower breakdowns.

Fast Heavy Equipment Drilling WLL, Qatar

Workshop Incharge | Feb 2021 - Jul 2023

- Supervised workshop activities and field support for a diverse fleet including crushers, pavers, and cranes.
- Achieved 25% reduction in breakdowns through structured preventive maintenance systems.
- Maintained optimal spare parts inventory with SAP and CMMS systems.

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Sendan International Ltd., Saudi Arabia

Plant Engineer | May 2018 - Jan 2021

- Managed equipment operations for Berri Gas Plant EPC Project under Saudi ARAMCO.
- Implemented vibration analysis and predictive maintenance for equipment longevity.
- Delivered weekly tool-box safety briefings and coordinated audits.

Fast Heavy Equipment Drilling WLL, Qatar

Jr. Maintenance Engineer | Nov 2015 - May 2018

- Handled servicing of bulldozers, graders, and excavators across multiple sites.
- Assisted in spare procurement and SAP-based maintenance tracking.

EDUCATION

B. Tech - Mechanical Engineering

Maharishi Dayanand University, Haryana | 2011-2014

Diploma - Automobile Engineering

Wales Institute of Engineering & Technology, Assam | 2008-2011

CERTIFICATIONS

- Machine Maintenance & Industrial Automation - CIPET
- Health, Safety & Environment in Construction

PROJECTS HANDLED

- Qatar Energy - North Field South LNG Project (2023-Present)
- Roads & Infrastructure, Umm Salal Mohammed PH2-PKG1 (2023-2024)
- Saudi ARAMCO - Berri Gas Plant EPC Project (2018-2020)

LANGUAGES

English | Hindi | Arabic | Punjabi | Bengali | Assamese

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DRIVING LICENSES

Qatar Light Driving License

Indian Light Driving License