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|  | VINAY KUMAR   |  |  | | --- | --- | |  | Mohali, Punjab 160055 |  |  |  | | --- | --- | |  | +919594283197, +918828343470 |  |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | vinaybimra@yahoo.co. | In, vinaybimra38@gmail.com |  | |

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| **Professional Summary** | |  |  | | --- | --- | |  | Field Engineer (Directional Drilling) with more than 12 years of past experience in Directional Drilling in Offshore and Onshore.  CAREER OBJECTIVE: Grow in Oil and Gas industry along with the company and to achieve & demonstrate excellence in the profession by virtue of dedication, sincerity, enthusiasm and innovation. | |

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| **Skills** | |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | * Safety * Simulation * Strategy * Technical support * Troubleshooting * Drilling experience * Quick-learning | * Offshore drilling * Computer skills * Written Communication * Analytical skills * Teamwork * Software proficiency * Flexible & Adaptable * Cultural awareness * Responsible | | |

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| **Work History** | |  |  | | --- | --- | |  | DIRECTIONAL DRILLER  **M/s Baker Hughes Saudi Arabia Co.** *10/2023 to Present*   * Leading and providing supervision for the directional drilling operation at the well site that ensures the desired directional path and drilling targets are achieved in a safe and economic manner. * Drilled horizontal wells and built curves, landing in pre-determined target zone using Well Architect software and ensure well path is safely separated from other wells. * Drilled various well profiles ranging from 2D and 3D wells, J type wells, horizontal, extended reach wells and sidetrack plans. * Drilled multiple wells on single pad, utilizing anti-collision techniques in top sections to do so. * Maintaining well profile plots and providing customer with directional survey data. * Contributing strategic inputs in controlling all project activities connected with safe and efficient operations; implementing quality standards for meeting the set targets. Successfully streamlining project objectives and plans. * Clients worked for – **Saudi Aramco**   Directional Drilling Engineer *08/2019 to 09/2023*  **M/s Halliburton Offshore Service Inc | Mumbai, Maharashtra**   * Organizing and conducting pre job safety meeting and assessing hazards prior to every job. * Ensure safety in work areas at all times according to required standards and provide required training to all trainees and assess performance. * Ensuring rig site inventory meets the program requirements and liaising the drilling supervisor to ensure future requirements are available in good time. * Experienced in drilling L-profile, J-profile, S-profile & Horizontal wells with SDMM & RSS on Onshore as well as Offshore. * Providing BHA design and ensure that all recommended BHA designs are suitable with respect to survey program requirements. * Monitor the drilling parameters and practice to ensure smooth directional control over the well. * Supervising hole opening, reaming, tripping operations to monitor hole conditions and prevent unintended sidetracking of the well. * Thoroughly analyzing the selection of Drilling Bit for particular formation and performance expectation as well comparing the bit performance. * Running Hydraulics simulation, Torque and Drag, BHA Design and using Max BHA software for analysis. * Maintaining up to date survey calculations and projections and working to maintain the well path within the tolerance as specified in the drilling program. * Adhere to company policies with respect to conduct of directional drilling and surveying operations. * Provide definitive well path data when required. * Use Compass software to provide survey calculations and well path projections to the client representative. * Troubleshooting of common downhole problems. * Maintaining records of drilling parameters & BHA performance during drilling to facilitate analysis at well review stage. * Provide technical support to clients and crew members at the well site. * Clients worked for - **ONGC Ltd, Cairn Energy, Oil India Ltd.** |  |  |  | | --- | --- | |  | Directional Drilling Engineer *04/2013 to 07/2019*  **Jindal Drilling & Industries Ltd | Mumbai, Maharashtra**   * Clients worked for - ONGC Ltd, Oil India Ltd |  |  |  | | --- | --- | |  | MWD Field Engineer *08/2011 to 03/2013*  **Jindal Drilling & Industries Ltd | Mumbai, Maharashtra**   * Ensured proper utilization and maintenance of all surface equipment. * Maintained and updated all work and tool records. * Ensured adherence to company policy and safety rules for all performed work. * Generated and submitted service performance reports for all equipment. * Ensured that all work was performed in accordance with technical procedures as outlined in quality system manual. * Ensured integration of all QHSE requirements in work process. * Gathered and interpreted project data in coordination with geologists and driller * Clients worked for - **ONGC Ltd, Oil India Ltd** |  |  |  | | --- | --- | |  |  | |

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| **Education** | |  |  | | --- | --- | |  | PG Diploma | Piping Engineering  *2011*  **Suvidya Institute Of Technology, Mumbai( Maharashtra, India)** |  |  |  | | --- | --- | |  | B.Tech | Mechanical Engineering  *2011*  **MIMIT, Malout (Punjab,India)**  First Class - with 68.12% aggregate from MIMIT, a College established by Punjab Govt. |  |  |  | | --- | --- | |  | A.I.S.S.C.E  *06/2007*  **Tagore Public School, Kurukshetra(Haryana, India)**  A.I.S.S.C.E (XII Class) CBSE - First Class with 72.4% | |

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| **Certifications** | |  |  | | --- | --- | |  | * Basic Offshore Safety Induction & Emergency Training - [Valid Upto 5th September 2027] * Fire Fighting Training - [Valid Upto 5th September 2027] * First Aid Training - [Valid Upto 5th September 2027] * HUET Training - [Valid Upto 5th September 2027] | |

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| **Additional Information** | |  |  | | --- | --- | |  | * Underwent six weeks training in Oil and Natural Gas Corporation Ltd. (ONGC) as a part of course curriculum of B.Tech. * Six months internship training with Fiat India Automobiles (P) Ltd., Pune to gain hands on experience in its Power Train Division as a part of course curriculum of B.Tech (Mech.) Degree Course. | |

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