**VAIBHAV E-mail:** vaibhavsharma.430@gmail.com

**Mob:** +91 9560472505

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| **Synopsis** |

* CAD Engineer, creative and technically sound with excellent academics and having 2+ years experiences, successfully handling Engineering Design Projects.
* Proficient in the use of latest Design Engineering Software and IT Tools.
* Customer focused and quality conscious, capable of precisely understanding client needs and delivering results within agreed time and budget.

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| **Technical Competencies** |

* CAD Tools (AutoCAD, Solid Works, NX 8.5)
* Creation of Manufacturing Drawings.
* GD & T with basics of ASME Standards.
* Basic Knowledge of API standards (5B, 5C3, 5CT and RP 10F)
* Communication Skills: - Written, Verbal.
* Team Working Skills.
* Basic Knowledge on Computer Hardware and Software tools.
* Operating System, Windows Server, XP, Windows 7.0, Windows 8, Windows 10 and MS Office Products.

**Expertise:**

* Product and Conceptual Design.
* Design Engineer with extensive experience in downhole Cementing tools.
* Legacy data conversions, which include Assembly, part modeling and detailing.
* Generation of manufacturing drawings as per customer requirement within presently used standards.
* Product Data Management.
* Improvement in Present tools for Cost Cutting and better performance.

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| **Summary of Work Experience** |

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| **SLEDGEHAMMER OIL TOOLS PVT. LTD., Faridabad, India**  CAD Engineer - Mechanical (May-2017 to Till Date).  Projects Handled - SHOTPL, India   * Abide by the Oilfield industry safety standards and ensure the products qualify the safety standards per design perspective. * Researches and analyses data such as customer design proposal to determine feasibility of design or application to enhance the product sustainability. Applying customer specific standards and requirements. * Developing detailed Engineering drawings of the SledgeHammer oilfield products. * 3D CAD Modelling of parts, subassemblies, and Top level assemblies and creation of BOM. * Executing Engineering Change Requests (ECRs) per proposed changes by the customer. * Collaborated on new design concepts with our team to meet customer requirements, and implement the project of new equipment development. Ex: Design of SledgeHammer reamer shoe with free rotating nose, SSR plug system, Hydraulic and Mechanical stage tools for stage cementing. * To maintain API documentation of all project as per API-STANDARD and coordinate in API audit. * To help testing manager in Float equipment HPHT tests, Centralizer restoring force tests, and Stage tool testing. * Creation of marketing concern drawings (MCDs), technical specification sheets and operating manuals. * Implement basic GD&T per ASME Y14.5-M 1994 standard where ever required in the drawings.   **CADD CENTRE, Faridabad, India**  CAD Instructor - Mechanical (June-2016 to April-2017).  Projects Handled - CADD CENTRE, Faridabad   * Instruct 9-12 grade introductory and advanced courses of Computer Aided Drafting (CAD) * Work as a teacher within PDM & CAD as well as keeping existing educational materials updated. * Instruct GD&T, AutoCAD 2D (Orthogonal and Isometric view), Solid works and UG NX. * Organize Seminar in Technical Institutes and aware students about the benefits of CAD. * Prepare 3D Model and Drawing of different Parts and Assemblies as per customer requirement. * Provide CAD training to both technical students and Professionals. * Provide Technical Support to companies for Solid Works and AutoCAD 2D. * Prepare monthly reports. |
| **Hobbies** | | |
| * Involving in technical discussions to learn more and hear technical lectures. * Travelling, and trekking. Meet different people and make good friends. * Internet Browsing for the knowledge purpose. |

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| **Academics** |

* Diploma in Product Designing From CADD Centre.
* Intermediate under C.B.S.E, Delhi from Vidya Niketan School No.2, Faridabad.
* High School under C.B.S.E, Delhi from Vidya Niketan School No.2, Faridabad.

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| **Training Programs** |

* Completed 4 month training in New Product Development from SHUBH TECHNOLOGIES, FARIDABAD.
* Completed 6 weeks training in Production and Maintenance Department from JINDAL INDUSTRIES PVT. LTD., HISAR.
* Completed 6 weeks training in Assembly Line from ESCORTS FARMTRACE, FARIDABAD.

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| **Personal Details** |

**Father’s Name**  - Mr. Rakesh Sharma

**Father’s Occupation** - Teacher

**Mother’s Name** -Mrs. Manju Sharma

**Language Abilities** - English & Hindi

**Address** - 1791, Street No.4, Block-A, S.G.M.Nagar, Faridabad Haryana

**Gender** -Male

**Marital Status** -Single

**D.O.B** - AUGUST 30, 1994

**Mobile** - **+**919560472505

**Passport No.** -P7288742