

RAJESH KUMAR

Vill. Ghararsi, P.O. Box Barna,
Distt. Kurukshetra, Haryana (INDIA)
engg.rajesh.saharan@gmail.com

Dear Hiring Manager

Please see the attached document for a copy of my resume for the Position of:

Machinist
CNC Machinist
Engineer CAD/CAM
Engineer Tool & Die
Engineer Plastic Technology
Mechanical Engineer - Designing / R&D
Farm Equipment Technician & Designer

About myself I am working on different projects especially Engineering Equipments. I have more than 10 years experience in the Manufacturing Engineering Machines, Farm Equipment and Research & Development Process. I feel would be a great fit for the position.

I made different implements as per market demand and as per company policy, I work out in many departments like Design and Development of Soil Preparation Equipments, Land Preparation Equipments, Reaping & Transportation Equipments, Plantation & Seeding Equipments & Quality Control and other Engineering Equipments. Responsible for following responsibilities and duties:

- Made arrangements for different quality reports as per vendor requirements
- Prepare documents for ISO certification and maintain all standard as per ISO certification.
- Prepare drawings for different implements make changes in existing components as per market response
- Design new implements as per Farmer requirements getting feedback from dealer network and continuous development policy.
- Prepare drawing for new projects and make arrangements for fabricate in house as per available resources
- Prepare casting and forging drawing at vendor end
- Workout on press tool for different application like shearing, Punching, blanking, slotting, bending etc for in house and some time at vendor end.
- Make programming for Plasma cutting machine like nesting, costing, estimating the production process
- Look after the whole R&D process at plant
- Prepare operational manual for new and existing products as per demand of customer.
- Make arrangements for field trial for newly developed products
- Prepare drawing for govt. testing agency for product approval
- Attend different seminar and exhibition for product display and to get market feedback.

I basically use AUTO CAD, PRO-E, CATIA, SOLID EDGE also I personally work on press tool like Shearing, Bending, for slot making etc.

Work on hand injection mold like keyway & grab handle etc. I have Practical knowledge of CNC programming of Milling & Turning.

I have spent the last 10 years developing my skills. I have been promoted many times in different companies. I love managing teams and solving problems. I am an agreeable, easy to correct and instruct, teachable and a loyal person.

I look forward to speaking with you regarding my application.

Sincerely,

Rajesh Kumar

RAJESH KUMAR

CNC Machinist
Engineer CAD/CAM
Engineer Plastic Technology
Engineer Tool & Die / Toolmaker
Mechanical Engineer - Designing / R&D



Career Objective: To seek a career as a Mechanical Engineer - Design / R&D. Aspire to achieve professional excellence in pursuance of organizational goals while seeking personal growth and development and utilizing my skills to the fullest taking the job with sense of learning and working productively. More than 10 Year Strong exposure in Mechanical Design & Engineering.

➤ Skills: -

▶ Analytical skills	Expert in to understand highly technical electronic and written blueprints, models, and specifications precision tools and metal parts.
▶ Technical skills	Expert in to understand computerized measuring machines and metalworking processes, such as stock removal, chip control, and heat treating and plating.
▶ Manual dexterity	Highly accurate precision, concentration and dexterity.
▶ Mechanical skills	Mechanically experienced to operate milling machines, lathes, grinders, and laser and water cutting machines, wire electrical discharge machines, familiar with a variety of hand tools and power tools.
▶ Physical stamina	Ability to endure long periods of standing and performing repetitious movements is important part of Job.
▶ Math and Computer skills	Good math and computer skills to work with CAD/CAM technology, CNC machine tools, and computerized measuring machines.
▶ AUTOCAD	AutoCAD productivity & performance tools. AutoCAD 3d modeling 2013 / AutoCAD 2d & isometric 2013.
▶ CREO 2.0	Assembly Plot Surface Sketch feature Drawing Pro / Engineer Weld Mechanism Design Animation Photo Render / Model check Metal Tool Designing / Die Punch Plastic / Rubber / Aluminum Die Designing (CNC machining) / NC lathe NC (VMC Machining) NC (5 Axis) Sheet Metal modeling sheet metal advance surfacing & die punching mfg. process manufacturing Machine/ Structure/ Frame work designing sheet metal manufacturing, Turret Punch M/C Programming / Frame work Extension mechanical / Analysis Piping with NC (VMC Machining) / Interactive surface design and Reverse Engineering.
▶ SOLID WORKS ESSENTIAL	Solidworks Sketching / Part casting for forging Patterning / Revolved features, Shelling and Ribs. Editing design changes, configurations of parts, design tables and equations, bottom up assembly modeling using assemblies with solid works drawings, drawing sheets and views dimensions, annotations and tolerance. Working on sheets formats and templates, assembly drawing views bill of material and tables.
▶ VMC Machine Programming,	Online CNC operation, setting programming of Fanuc and Fagor controls.

▶ Cimatron / Delcam	Sketching / Part modeling assembly design drafting advance surfacing Mold and Die Making.
▶ Designer Bundle Mechanical	Auto CAD, Auto CAD Mechanical, Solid works/ Creo/ UG NX/ CATIA , Sketching/ Part Modeling, Surfacing/ Drafting/ Assembly, Assembly motion / Animation, Advance Surfacing Synchronous Modeling, Mould, Design/Sheet Metal Design, Welding & Basic Simulation (Solid Works), Progressive Die Design
▶ Designer Cum Programmer Bundle	Measuring Instrumentation, Solid works/ Creo/ UG NX/ CATIA, Sketching, Part Modeling Animation Mould Design/Sheet Metal Design, Synchronous Surfacing, Drafting/ Assembly, Assembly motion /Advance Surfacing / Weldment & Basic Simulation (Solid Works), Delcam or UG CAM Programming, VMC Operating / Setting / Material cutting / Clay Modeling / Progressive Die Designing.

➤

WORK HISTORY:-

(10YEAR)

1) RVM CAD SOFT

(An ISO9001:2008 STANDARD Company)

5R/5, Third Floor,
Behind Saluja Patrol Pump,
N.I.T Faridabad,
Haryana (INDIA)
Phone: +91- 9818047027

Company Profile: RVM CAD SOFT, has an experience of more than 22 years in the field of CAD/CAM/CAE training to more than 750+ industries and approx 150+ engineering colleges for their requirements. Promoted by Technocrats from the field of Product Design, Tool Design, Tool Manufacturing, automation assembly, Sheet Metal Design & Fabrication Industrial designing and training requirements. All our faculties are well trained by **PTC U.S.A., SIEMENS** and **Autodesk** to maintain quality and keep pace with the latest versions released in the market.

Nature of Business	:	Product Designing, Industrial Designing Software Developer
Industry	:	Mechanical, Civil, Interior Designing, Electronics, Architectural & Robotics
Job Profile	:	Design Engineer & Software Trainer
From	:	January 2007 – January 2011

- ▶ Working on sheet metal in Pro-ENGG.
- ▶ Design & Develop Projects in AutoCAD.
- ▶ Doing 2D Drafting Projects in 3D in AutoCAD.
- ▶ Coordinate with Vendors for Software related issues.
- ▶ Doing Assembling & Drafting in Pro-ENGG. & CATIA.
- ▶ Doing Surface and Part Modeling in Pro-ENGG. & CATIA.
- ▶ To provide training to the faculties in various CAD/CAM ENGG. Colleges.
- ▶ To provide training to the students related to the design software like AutoCAD, Pro-E & CATIA.
- ▶ To help in making the projects in designing taking from our customers in AutoCAD, Pro-E & CATIA.
- ▶ To give the seminar to customers for facilities and solutions provided by us related to CAD/CAM/CAE.

2) Oswa Odyog

(An ISO9001:2008 STANDARD Company)

P. O. Khuda Kallan, Jagadhri Road,

Ambala – 133004, Haryana (INDIA)

Telephone : + (91)-(171)-2891609, Fax : + (91)-(171)-2891561

Company Profile: Oswa Udyog, have carved a strong niche for us in the markets dealing pertaining to the domain of **manufacturing, supplying and exporting** of a diversified range of **agricultural equipments, horticulture machines, farm machines** and various allied engineering equipments. We are always working in the direction to provide our clients with better products every time. Our offered range is inclusive of agricultural **Rotary Tillers, Rotary Disc Harrow, and Rotary Seed Drill** etc.

Nature of Business : Manufacturing / Production / Quality / Export
Industry : Manufacturing and Trading of Farm Equipment and Implements
Job Profile : **Designing and Development**
From : **March 2011- March 2013**

- ▶ Designing and Development of Till Masters, Cultivators, Tipping Trailers, Disc Plough & Harrow.
- ▶ Designing and Development of Shredder Machine made from deep steel built-in with coating plate, sharing sharp edge to survive loads.
- ▶ Designing and Development of Manage manufacturing process of Disc Harrow, Fertilizer Broadcaster, Rotary Tillers and Shredder Machine.
- ▶ Designing and Development of Rotary Tiller numerous specifications and is generally used in agricultural industry for the cultivation of the crops.
- ▶ Designing and Development of Fertilizer Broadcaster & seed spreader, significant equipment in order to spread seed, fertilizers and weedicides on the land.
- ▶ Designing and Development of Laser Land Leveler, Laser guided land leveler is new invention in the field of agriculture which is operated with the help of laser transmitter and receiver.
- ▶ Designing and Development of Reversible Plough for national as well as international market. The reversible mould board plough manufactured by us can be reversed in direction with the help of a lever and re angled for ploughing in opposite directions. Reversible plough is used to keep land level for good water control.
- ▶ Designing and Development of Roto Seed Drill **Roto** Seed Drill Machine is used for sowing wheat, maize, mustard, pea etc. It provides the easy sowing of cereals and crops. Roto Seed Drill Machine is used for sowing wheat, maize, mustard, pea etc. It provides the easy sowing of cereals and crops.
- ▶ Responsible for manufacture complete projects from customer data, interaction with engineers and designers to complete projects, modification of customer data to facilitate the manufacture process using all available equipment, instruct finishing department on how to assemble completed projects, assist with ongoing projects.
- ▶ Designing and Development of Rotary Power Harrow which is highly demanded in Agricultural Industry. These are engineered with precision using superior quality raw material and latest technology. It is a very strong and sturdy tractor mounted harrowing machine. It finely pulverizes the soil, so well and makes seedbed and ideal favorable to achieve maximum germination percentage.
- ▶ Programming and setup of all CNC equipment, machine maintenance, repair and modification. Capable of working with blueprints, sketched or verbal instructions on both high and low tolerance work on various types of material (A2, O1, M4, S7, 4140PH, 10V, SST, CARBIDE, GRAFITE, ALUMINUM, PLASTICS (RenWood Modeling Board, ABS, Polystyrene, Delrin, Acrylic, Polycarbonate). Very mechanically inclined and enjoys the challenges of troubleshooting and design work.

3) Super One Agro

(An ISO9001:2008 STANDARD Company)

Export Unit – 1, Mugal Majra Road,
Near Leather Factory, Kunjpura, Karnal – 132001,
Haryana (INDIA)
Phone: +91-184-2385200, 184-2385400

Company Profile: SUPER ONE AGRO is a farm equipment brand of VIJAY LAKSHMI AGRICULTURE PRIVATE LIMITED (VLA), a leading manufacturer and exporter of agricultural farm machinery and spares. Based in outer skirts of Karnal (Haryana) INDIA has a state of the art manufacturing facility, which is backed by advanced manufacturing technologies.

Nature of Business : Manufacturing / Production / Quality / Export / Distribute / Supply
Industry : Agriculture Machinery and Farm Equipments
Job Profile : Sr. Design Engineer and Research & Development Supervisor
From : April 2013 – May 2016

Soil Preparation Equipments:

- ▶ Mold Board (MB) Plough, Simple MB Plough and Reversible MB Plough (Hydraulic).
- ▶ Rotary Tillers (Rotavators), Single seed Gear drives, Multi seed Gear drive and Disc Plough.
- ▶ Disc Harrows, Hydraulic Harrow, Medium Duty Disc Harrow, Heavy Duty Disc Harrow, Heavy Duty Mounted Disc Harrow.
- ▶ Cultivators (Tillers), Heavy Duty Spring Loaded Tillers, Extra Heavy Duty Spring Loaded Tillers, Spring Loaded Tillers with Pipe Support & Rigid Tine Tillers.

Land Preparation Equipments:

- ▶ Ridge Maker, Disc Ridger, Mold Board (MB) Ridger, Sheet Ridger and Land Roller.
- ▶ Post Hole Digger, Rotary Slasher, Land Leveler, Laser land Leveler, Mounted Laser land Leveler and Reversible Laser land Leveler.

Reaping & Transportation Equipments:

- ▶ Multi Crop Reaper, Straw Reaper and Tipping Trailer.

Plantation & Seeding Equipments:

- ▶ Potatto Planter (Fully Automatic), Potato Digger (Harvester), Roto Seeder and Seed Drill.

Manufacturing Technical Duties:

- ▶ Cut, shape, and trim blanks or blocks to specified lengths or shapes, using power saws, power shears, rules, and hand tools.
- ▶ File, grind, shim, and adjust different parts to properly fit them together.
- ▶ Fit and assemble parts to make, repair, or modify dies, jigs, gauges, and tools, using machine tools and hand tools.
- ▶ Inspect finished dies for smoothness, contour conformity, and defects. Lift, position, and secure machined parts on surface plates or worktables, using hoists, vises, v-blocks, or angle plates.
- ▶ Measure, mark, and scribe metal or plastic stock to lay out machining, using instruments such as protractors, micrometers, scribes, and rulers.
- ▶ Select metals to be used from a range of metals and alloys, based on properties such as hardness and heat tolerance.
- ▶ Set up and operate conventional or computer numerically controlled machine tools such as lathes, milling machines, and grinders to cut, bore, grind, or otherwise shape parts to prescribed dimensions and finishes.

4) Rajasthan Mechanical Works Ltd.

(An ISO9001:2008 STANDARD Company)

Rajasthan Mechanical Works Ltd.
No. A- 188- B, Road No. 6- D, V. K. I. Area,
Jaipur – 302013,
Rajasthan (INDIA)

Telephone:
+91-141-2331549
+91-141-4024423
Fax:
+91-141-2332631

We are engaged in manufacturing, exporting and supplying of our comprehensive range of Agricultural Farming Equipment & Spare Parts. These products are widely used for various agricultural purposes like preparation of seed bed, tilling and ploughing. These implements are used for trouble free general cultivation work in an economical way. Due to zero defects, excellent quality our products are exported and supplied all over the Indian Subcontinent.

Nature of Business :	Manufacturer / Exporter / Trader
Industry :	Manufacturing and Trading of Farm Equipment and Implements
Job Profile :	Sr. Design Engineer and Research & Development Supervisor
From :	June 2016 - September 2016

- ▶ Design Seeding Attachment and Seed cum Fertilizer Attachment. Rigid Tiller, Rigid Tiller and Plate Cutting Type Rigid Cultivator.
- ▶ Design Disc Plough Round Type, Disc Plough Square Beam and Disc Plough Automatic. Rotary Tiller for Agriculture Industry, Multi Speed Rotary Tiller, unique Tractor Tiller.
- ▶ Design Bottom Mould Board Plough, Regular Mould board Plough and Reversible Mould board Plough. Pin to Pin Spring Loaded Tiller, Regular Spring Loaded Tiller, And Heavy Duty Spring Loaded Cultivator.
- ▶ Design Cultivator, Seed Drill Wheel, Rotavator Blades, Mini Rotavator, Poly Disc Harrow Ploughand Pin To Pin Spring Loaded Tiller.
- ▶ Design Tyne Ridger Bund Former Agriculture Axle, Base Jack Fertilizer Drill for Agriculture Industry, Heavy Duty Tiller and Heavy Duty Spring Loaded Tiller.
- ▶ Design Mounted Offset Disc Harrow (Bush Type), Mounted Offset Disc Harrow Bearing Type and 8 Disc Harrow. Designing and Development of Animal Driven Seed cum Fertilizer Drill and Animal Driven Farm Implements.

5) Central Institute of Hand Tools

(An ISO 9001:2008 Standard Government Institute & Manufacturing House)

(Indo German Initiative)

Extension Centre Nilokheri, GTI Karnal,
Haryana (INDIA)
Phone: +91 - 70150 - 32982

Company Profile: Institute has continuously aligned its facilities and expertise with the fast changing technology in thrust areas of manufacturing to support and serve the manufacturing sector. Nanotechnology, Precision engineering, Metrology (Micro and Nano), Additive Manufacturing, Mechatronics, Vision and Image processing, Digital Design, Product Lifecycle Management (PLM) and Human Resource Development (creating 'Industry Ready' engineers) are the current areas of focus of the Institute.

Nature of Business :	R&D / Consultancy / Engineering Services Provider / Industrial Institution
Industry :	Tool Room Services, Heat Treatment, Forging, Testing & Quality Control
Job Profile :	CAD/CAM TRAINER, Designing and Development Instructor
From :	November – 2016 – Till Date

- ▶ Look after the whole R&D process at plant. Prepare casting and forging drawing at vendor end. Prepare drawing for Govt. testing agency for product approval. Make arrangements for field trial for newly developed products.
- ▶ Operating CNC Machining Centers, Vertical Machining Centers (VMC). Monitor the feed and speed of machines during the machining process. Using Surface grinders to polishing in operation of Manual Lathe machine.
- ▶ Made arrangements for different quality reports as per vendor requirements. Injection Moulding Dies and Ball Turning Tool Post (an attachment of Lathe machines).
- ▶ Prepare operational manual for new and existing products as per demand of customer. Prepare documents for ISO certification and maintain all standard as per ISO certification.
- ▶ Make programming for Plasma cutting machine like nesting, costing, estimating the production process. Prepare drawings for different implements make changes in existing components as per market response.
- ▶ Prepare drawing for new projects and make arrangements for fabricate in house as per available resources. Calculate dimensions and tolerances using knowledge of mathematics and instruments such as micrometers and vernier calipers.
- ▶ Design new implements as per Farmer requirements getting feedback from dealer network and continuous development policy.
- ▶ Set up, adjust, and operate all of the basic machine tools and many specialized or advanced variation tools in order to perform precision machining operations.
- ▶ Measure, examine, and test completed units in order to detect defects and ensure conformance to specifications, using precision instruments such as micrometers.
- ▶ Workout on press tool for different application like shearing, Punching, blanking, slotting, bending etc for in house and some time at vendor end and Attend different seminar and exhibition for product display and to get market feedback.
- ▶ Manufacturing different implements as per market demand and as per company policy, I work out in many departments like Quality control for incoming material, just check out sample from finish goods.

➤ **Recent Correspondence Qualification:**

- ▶ **Post Graduate Diploma In Computer Application 1 Year (Correspondence)**
From Sunrise University Rajasthan
- ▶ **Graduate Degree In Arts 3 Year (Correspondence)**
From Kurukshetra University

➤ **Technical Qualification:**

- ▶ **CAD/CAM which Included (AutoCAD, Pro-E, CATIA)** (2006-2007)
From Parametric CADSOFT, Faridabad,
Haryana (INDIA)
- ▶ **Advanced Diploma (3 Year) Engineering & Plastic Technology** (2003-2006)
From Govt. Polytechnic College,
Ambala (INDIA)

➤ **Academic Qualification:**

- ▶ 12th Board Higher Secondary (2001-2003)
- ▶ 10th Board Secondary Examination (2001)

➤ **Project:**

- ▶ Working and Theory of EDM (Electric Discharge Machine). January 2006-June 2006

▶ **Industrial Training**

Supreme Industries Ltd. (June 2005-July 2005)
Ambala Chandigarh Expressway, Sarsini, 140501,
Punjab (INDIA)

Supreme Industries limited offers wide range of plastic products with a variety of applications in Moulded Furniture, Storage & Material Handling Products, XF Films & Products, Performance Films, Industrial Moulded Products, Protective Packaging Products, Composite Plastic Products and Plastic Piping System & Petrochemicals.

➤ **Profile:**

- ▶ First Name : Rajesh
- ▶ Last Name : Kumar
- ▶ Date of Birth : 15th October, 1984
- ▶ Nationality : Indian
- ▶ Marital status : Married
- ▶ Language : English & Hindi
- ▶ IELTS : 6.5 Bands
- ▶ Address : Vill. Ghararsi, P.O. Box Barna, Distt. Kurukshetra, Haryana (INDIA)
- ▶ Mail ID : engg.rajesh.saharan@gmail.com

