

CURRICULUM VITAE

RAGHAVENDRA CHAVARADDI

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Seeking middle level assignments in Design Engineering with a leading organization of repute in Valve Manufacturing industry

I believe, Success comes with confidence, Perseverance & Killing instinct.

PROFILE SUMMARY

To work in a challenging environment and contribute the best towards the progress of the organization, through my knowledge, innate skills and will to excel, to be in the organization that offers professional growth while being resourceful, innovative and flexible.

PROFESSIONAL EXPERIENCE

- A competent professional with more than 9 years of experience in Design Engineering. 4 year in Dies & Moulds manufacturing industry & 5 year in Valve manufacturing industry
- Experience in Dies & Moulds manufacturing industry.
- Experience in Ball & GGC valve manufacturing industry.
- Expert in Casting & Forging components designing, New product development. Good knowledge of manufacturing & machining processes over cast & forged component.
- Involved in reverse engineering.
- Working experience in ISO 9001:2008 Environment.
- Proven abilities in understanding the functional requirements of a product and accordingly designing the blueprint of a product & equipment.
- Skilled at managing design engineering operations involving mechanical design & development.
- Gained extensive knowledge of standards like:
 - o ASME Boiler Pressure Vessel Code section VIII DIV 1 –Appendix 2
 - o API 600
 - o ASME B16.34
 - o API 602
 - o ASME B16.10
 - o BS 1873
 - o MSS SP-25
 - o API 598
 - o ASME B16.5
 - o ISO 17292
 - o BS 1868
 - o MSS SP-45

Educational Qualification

Course	Institutions	Result
S.S.L.C	Gov. Junior Technical School, Hubli.	First Class (78.18%)
Diploma in Tool & Die Making	(NTTF) Nettur Technical Training Foundation Dharwad.	First Class (67%)
B.Tech in Mechanical (External)	KSOU Mysore	First Class (71.58%)

WORK EXPERIENCE

➤ **Platinum Dies & Moulds:** (JUL-2009 : APR-2011)

It is an group company which manufactures Die casting dies, Plastic injection moulds, fixtures & CNC milling job works.

My role: As a Tool maker & Design engineer

Responsibilities handled: Designing of the Dies & Moulds, Manufacturing, Assembling & electrode parts designing using **Auto cad & Solid works**.

Major project handled in PDM

- 2 Cavity Truck Door handle cold chamber Die for (Newlon Holding)Australia.
- Single Cavity Bajaj fan cover for Bajaj.
- 8 Cavity Advik 103 with cold chamber Die for Advik.
- Single Cavity Premium Copper hot chamber Die for Godrej.
- 2 Cavity Suffier handle hot chamber Die for Godrej.

➤ **Hawa Valves (India) Pvt. Ltd. Hubli:** (MAY-2011 : MAY-2013)

Is a reputed ISO 9001:2008 certified Organization. This is engaged in the manufacture of various types of Valves.

My role: Sr. Draughtsman/Design engineer

Responsibilities handled:

- Accountable for the Part detailing of Ball valves, Gate, Globe & Check Valves
- Handling the project activities and providing support to the team in project execution within committed timeline.
- Executing the value engineering and value analysis projects to ascertain cost of current products as assigned
- Preparing conceptual sketches for new design that is sketches in AutoCAD and 3D Modelling in Solid Works
- Created Bill of Material (BOM) as per the design specification and assembly procedure of the developed concepts
- Ensuring dimensional accuracy and assemblies are verified through prototype. Identifying testing areas to validate models or performance and ensuring its completion
- Good Knowledge of GD & T.

➤ **Rebello International Pvt. Ltd. Goa:** (JUN-2013 : JAN-2016)

It is an, Manufacturing of Plastic injection moulds , Jigs & fixture's & CNC milling job works.

My role: As a Tool maker & Designer

Responsibilities handled:

- Responsible in the developing mould design.
- Electrode planning and extraction.
- BOM, Part detailing and involving tool room activities.
- Monthly planning & Daily work load assessment to Team members & tracking of daily targets.
- Preparation and computation of quotation as per RFQ.
- Tool try out & development with respect to trial.
- Interaction with customer for current tool status.

➤ **Camtech Manufacturing FZCO, Dubai, UAE:**

(FEB-2016 : JUL-2020)

Camtech Manufacturing is the first and one of the few API accredited valve manufacturing company in the UAE,

My role: Sr. Draughtsman/Design engineer

Responsibilities handled:

- Accountable for the designing of Ball valves, Gate, Globe & Check Valves for Gas / Air /chemicals/water pipeline
- Handling the project activities and providing support to the team in project execution within committed timeline.
- Executing the value engineering and value analysis projects to ascertain cost of current products as assigned
- Carrying out independent valve design and analysis work of various components & assemblies
- Preparing conceptual sketches for new design that is sketches in AutoCAD and 3D Modelling in Solid Works
- Created Bill of Material (BOM) as per the design specification and assembly procedure of the developed concepts
- Ensuring dimensional accuracy and assemblies are verified through prototype. Identifying testing areas to validate models or performance and ensuring its completion
- Performing calculations to support design projects, preparing IBR drawings & chest thickness calculations as per IBR norms. Handling documentation and updating data in SAP.
- Good Knowledge of GD & T.

PROJECT HANDLED CAMTECH

1. Product – 1/2" TO 4" Floating Ball Valve
Pressure Class End – Raised Face, Flat Face, Butt Weld
Application – General Purpose , Petroleum & natural gas application.
Scope of work – Design of Valve as per Standards ISO 17292, API 6D, API 608 ASME B16.34, ASME B16.5, ASME B16.10, API 598.
2. Product – 6" TO 20" Tunnion Mounted Ball Valve
Pressure Class End – Raised Face, Flat Face, Butt Weld
Application – General Purpose , Petroleum & natural gas application.
Scope of work – Design of Valve as per Standards API 6D, ASME B16.34, ASME B16.5, ASME B16.10, API 598.
3. Product – 2" TO 20" Gate valves
Pressure Class End – Raised Face, Flat Face, Butt Weld
Application – General Purpose valve for ON-OFF operation.
Scope of work – Design of Valve as per Standards API 600, ASME B16.34, ASME B16.5, ASME B16.10, API 598.
4. Product – 2" TO 20" Globe valves
Pressure Class End – Raised Face, Flat Face, Butt Weld
Scope of work – Design of Valve as per Standards BS 1873, ASME B16.34, ASME B16.5, ASME B16.10, API 598.
5. Product – 2" TO 20" Check valves
Pressure Class End – Raised Face, Flat Face, Butt Weld
Scope of work – Design of Valve as per Standards BS 1868, ASME B16.34, ASME B16.5, ASME B16.10, API 598.

MANUFACTURING SKILLS

- ✓ Wide exposure to the concept of Tool and Die making.
- ✓ Hands on experience on all sorts of conventional & non-conventional machines
- ✓ Ability to manufacture tools, Plastic moulds, jigs and fixtures.
- ✓ Familiar with inspecting manufactured components.

STRENGTHS

- ✓ Problem solving ability with the logical approach.
- ✓ Ability to deal with people diplomatically.
- ✓ Willingness to learn & quick decision making.
- ✓ Able to think the designs from the manufacturing point of view.
- ✓ Able to adopt the working culture of the company.
- ✓ Able to work as individual, as a team member, co-ordinate with team members.

IT SKILLS

- ❖ MS Word, Excel, Internet.
- ❖ Auto cad – 2000-02-04-06-07-08-10. : Part design 2D & 3D, Detailing
- ❖ Solid Works. : Part design , Assembling, Core cavity extraction
- ❖ Creo Parametric 7.0.0.0 : Part design , Assembling, Core cavity extraction

ACADEMIC PROJECT

- Manufacturing of the 2 cavity Pressure Die casting.

PERSONAL DATA

Name : Raghavendra Chavaraddi
Date of birth : 04-04-1991
Gender : Male
Marital status : Married
Nationality : Indian
Languages known : Kannada, English & Hindi
Passport No : K8709458
Permanent address : Plot No. 21, Chaitanya Colony
Bhairidevarkoppa,
Hubli – 580025 Dist: Dharwad

Declaration

I hereby confirm that to the best of my knowledge and belief this bio data correctly describe my qualification, experience and myself.

Date:

Yours sincerely

Place:

(Raghavend Chavaraddi)