

RESUME

NAME: Aniket Gulab Kharat

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Address: Flat No.302/6, N.G. Regency Balkum Naka, Thane (w) 400608.

Academic:

Master of Engineering (Project appear) (Manufacturing Engineering System)

(LTCOE Navi Mumbai, University of Mumbai)

GATE 2013: (264/1000)

B.E Mechanical (R.S.C.O.E Chiplun, University of Mumbai) (With 1 St class, In June 2011)

12 th Pass (From AFAC Jr. Collage Chembur , Maharashtra Board)(First Class 71%)

Work Experience:

Industrial:

- Cyient Limited, Pune (www.cyient.com)
(Lead Engineer - Hydraulic System Design, From 6 Feb 2023 to till date)
- TATA Advanced Systems Limited, Mumbai (www.tataadvancedsystems.com)
(Assistant Manager - Design, from 1 June 2019 to 27 Jan 2023)
- INDIAN PNEUMATIC AND HYDRAULIC CO PVT LTD., Thane (<https://iphco.in/>)
(Sr. Hydraulic Design Engineer, 4 January 2017 to 15 May 2019)
- HYDRODYNE Industries, Vasai Thane. (www.hydrodyneindustries.com/)
(As Sr. Design Engineer June 2014 to 2 January 2017)
- ACE Engineering Services, Mumbai (<http://www.indiamart.com/aceengineeringservices/>)
(As Application Engineer, October 2013 May 2014)

KEY SKILL:

- DESIGN AND SIMULATION OF HYDRAULIC AND PNEUMATIC SYSTEM USED IN MATERIAL HANDLING &, FORESTRY MACHINE, ON/OFF HIGHWAY VEHICLE, SPECIAL PURPOSE AUTOMOTIVE HYDRAULIC SYSTEM. STEEL PLANT, COLD ROLLING MILLS, PIKLING LINE, SLITTING LINE, COATING LINE, SPECIAL PURPOSE LINE
- HYDRAULIC AND PNEUMATIC CIRCUIT DESIGN FOR TRASMISSION CLOSE LOOP SYSTEM, LOAD HANDLING OPEN LOOP SYSTEM, VEHICLE BRAKE SYSTEM BY SIZING AND SELECTION OF VARIABLE DISPLACEMENT PUMP, PROPORTIONAL VALVES, SERVO-CONTROL VALVES, CUSTOMIZE MANIFOLDS.

- CUSTOMIZE HYDRAULIC DESIGN OF HYDRAULIC CYLINDERS, AC & DC POWER PACK, CATRIDGE & CUSTOMEBUILD HYDRAULIC VALVES, MULTIPASSAGE ROTARY JOINT, ACCUMULATORS.
- PLANING AND PROCESSING MANUFACTURING OF HYDRAULIC CYLINDERS, HYDRAULIC VALVES, CUSTOMIZE MANIFOLD BLOCKS, MULTI PASSAGE ROTORY JOINTS, HYDRAULIC POWER PACK, TELESCOPIC CYLINDERS, HYDRAULIC HAND PUMPS, ACCUMULATOR
- HYDRAULIC PRODUCT DESIGN AND DEVELOPMENT, INTEGRATION & COMMISSINING OF HYDRAULIC EQUIPMENT, TROUBLESHOOTING.
- KNOWLEDGE OF AUTO CAD, AUTODESK (INVENTER 2007), SOLID WORKS , EPDM (PRODUCT DATA MANAGEMENT) SOLIDWORK ,CREO 7.0 , ERP 4.0 (For Production and Planning), SOLIDWORK COSTING, SOLID EDGE, TEAM CENTRE (PLM), AUTOMTION STUDIO (HYDRO-ELECTRIC SYSTEM SIMULTION), ANSYS (MECHNICAL), MATH CAD (CALCULATION FORMULATION)
- SUB CONTRACTING, VENDER MANAGEMENT, SHOP FLOOR MANAGEMENT
- IMPLEMENTATION OF LEAN MANUFACTURING TOOLS, 5S, KAIZEN, POKA-YOKE
- PRODUCT DOCUMENTATION –TECHNICAL MANUAL, MAINTENANCE EVALUATION, FAILURE MODE ANALYSIS.
- EXPERTIES IN CUSTOMIZE DESIGN OF MOBILE HYDRAULIC & INDUSTRIAL HYDRAULIC WITH 10 YEARS OF HYDRAULIC EXPERIENCE SERVING DEFENCE AND EUROPEAN HEAVY EQUIPMENT INDUSTRY.

PROJECTS:

Project Title: ADVANCED TOWED ARTILLARY GUN SYSTEM, LAUNCHER MECHNISM

Duration: June 2019 to Jan 2023

Client: DRDO (Defence Research and Development Organisation)

Project Location: Mumbai Role: Ass. Manager Team Size: 8

Skill Used: Hydraulic Calculations, Simulations, Solid Edge, Automation Studio, Mathcad

Role Description: Design and Functional Testing of system (firing in Range Field)

Project Details: Design of Hydraulic system (Close loop, Open loop, Brake system, steering system), selection of hoses, fittings, pump, and actuator. System integration for prototype. Functional testing of artillery systems

Project Title: Cold rolling mill hydraulic design

Client: ESMECH (SMS GROUP) Duration: Aug 2017 - Jan 2019

Project Location: Thane Site: Offsite Role: Sr. Project Leader Team Size: 4

Skill Used: Mechanical Engineering,

Role Description: design of entire product and functional testing

Project Details: Design of hydraulic system for Pickling, Cut to length, Slitting line, Recoiling line.

Project Title: Air operated hydraulic pump

Duration 10 Feb 2015 -20 Feb 2017

Role: Design Engineer

Skill Used: Hydraulic calculation and Solid work software

Project detail: converts 5 bar of air compressor Pressure to 70 bar hydraulic pressure with continues high flow, eliminating power pack in hydraulic application.

Project Title: HYDRAULIC AND PNEUMATIC CIRCUIT FOR TUBE FILLING MACHINE FOR FARMA MACHINE-PARLE KOVAI WITH SPEED OF 0.06 SECONDS.

Project Title: Hydraulic System for Sweeper and Loader

Client: Alano Motors Duration: Mar 2016 - Jun 2016

Project Location: Vasai Site: Onsite Role: Sr. Project Leader Team Size: 6

Skill Used: Hydraulic Calculations

Role Description: Design and Functional Testing.

Project Details: Design of Hydraulic system, motor, hoses, pump, actuator and functional testing for Sweeper for cleaning and lifting & shifting of materials and transporting goods in-house in mini truck vehicle

Project Title: Cabin tilt rotary spool hand pump

Client: Wipro Infrastructure Duration: Aug 2015 - Jan 2016

Project Location: Vasai Site: Offsite Role: Sr. Project Leader Team Size: 4

Skill Used: Mechanical Engineering,

Role Description: design of entire product and functional testing

Project Details: Cabin Tilt Device, required to raise and lower the cabin of heavy trucks, in minimum space and power

PERSONAL DETAILS:

DATE OF BIRTH: 10 JAN 1990. LOCATION PREFERRED: ANY, Current CTC: 10 L per Annum