

SUMIT CHOUDHURY

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CAREER OBJECTIVE

To pursue a successful career in the field of design and testing by continuously learning new technologies and implementing my skills to help the organisation to achieve its goal.

EDUCATION

| Course | Institute | Year of Passing | CGPA/Percentage |
|----------------------------|------------------------------------|-----------------|-----------------|
| B.E.Mechanical engineering | Kalam institute of technology | 2015 | 77.43% |
| 12th | Om herambalaya residential college | 2011 | 73.85% |
| 10th | Sanganna high school | 2009 | 67% |

EXPERIENCE

- Foundation brakes manufacturing Pvt Ltd(genius consultant Pvt ltd)** 15/9/2017 - 26/7/18
Trainee engineer
Responsible for Testing of automobile brakes as per DVP ,ETR, quality assurance test request, field complaints

TECHNICAL SKILLS

- Handling testing activity and prepare test plan for different types of automobile brake test such as performance and durability.
- Use of all types of measuring instruments such as Vernier,micrometer,bore gauge, height gauge,feeler gauge,dial gauge,load sensor, pressure sensor,torque sensor,LVDT etc.
- Knowledge about all types of engineering drawing and geometrical dimensions.
- Knowledge about pneumatic and hydraulic systems.
- Test review and completion of test inspection report.
- Other experience like component testing in different climactic conditions like environmental test,mud bath test,salt spray test etc
- Exposure of ms excel, power point.
- Pro e- part modelling, assembly, drafting, detailing,sheet metal,mould etc.
- Well versed with manual and automation Software testing using tools like selenium,bugzilla,Qc,Qtp etc.
- Good in fluid mechanics and hydraulic machines and strength of materials.

PROJECTS

- Academic project -Solar air-conditioning system**
Solar air-conditioning system refers to any air cooling system that uses solar power
This can be done through solar thermal energy conversion and photovoltaic conversion.
- DVP for cmfa (Renault nissan)**
- DVP for S201(M&M)**

- DVP for Q501(TML)

ACHIEVEMENTS & AWARDS

- Won inter college cricket tournament

INDUSTRIAL EXPOSURE

- CTTC , Bhubaneswar,odisha
- Hindalco Aditya Birla group,sambalpur ,odisha
- Upper kollab hydro power corporation ltd,odisha

ACTIVITIES

- Preparation of vehicle validation plan based on change matrix of aggregates.
- Tracking of the field failures and making its validation plan with joint discussion with PAT team and Designer.
- Proto vehicle Joint inspection and vehicle receiving through issue closure.
- Checking of all parts collected from client and responsible to communicate about the test status report to client in daily or short intervals.
- Responsible for installation of test setup and testing of various components including product validation, proto sample and benchmarking .
- Responsible for assembly and trial work,analysis of any premature failure observed during test along with concerned designer.
- Checking of all parts after manufacturing in-house and bought out parts and Troubleshooting, field complaints and customer Complaints.
- To do testing as per required standards like JASO, JIS ,SAE or OEM's standard.
- Tracking of the issues highlighted and co-ordination with PAT and Designers for its resolution with proper validation plan.
- Responsible for testing as per Design Validation plan, engineering test request (ETR), Quality assurance test request ,field complaints.

INTERESTS

- Design and testing of automobile components

PERSONAL STRENGTHS

Self confidence, positive attitude,smart worker,fast learner, extrovert.

PERSONAL PROFILE

- Date of Birth : 04/04/1994
- Marital Status : Single
- Nationality : Indian
- Known Languages : English,Oriya,hindi
- Hobby : Playing cricket , watching movies, reading super hero comics

DECLARATION

I hereby declare that all the above mentioned informations are true to the best of my knowledge.

A stylized, handwritten signature in black ink, appearing to read 'Sumit'.

SUMIT CHOUDHURY