RAHUL RAKESHKUMAR JAIN

Ahmedabad (Gujarat), rahulrjain58@gmail.com

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Curriculum vitae

Personal Details

Name:	Rahul Rakeshkumar Jain
Address:	Ahmedabad (Gujarat)
E-Mail:	rahulrjain58@gmail.com
Date of Birth:	11.04.1992
Family stand:	Single
Nationality:	Indian

Work Experience

09.2021-Present: Apollo Infratech Group, Mehsana
Design Engineer

- To Design and develop Concrete Block Making Machine
- To prepare 3d Models, 2D drawings, BOM
- To Create Part Manual

03.2019-03.2020: Altenrath GmbH Co. & KG, Germany
Mechanical Engineer
Responsibilities:

- Planning and designing custom based Automatic machine for filling and weighing (pyrotechnic).
- Pneumatic circuit and list
- Project management
- Providing training for the machine
- Preparing technical documents

Educational Background

04.2015-11.2018: Hochschule Rhein-Waal in Kleve, Germany
M. Sc. in Mechanical engineering (Grade = 2.3)

Specialization:

- Advanced product design: Tribology in Design Engineering, Methods of structural analysis and Design of Experimental Validation
- Materials: Material Selection, Joining technology and Surface engineering and coating

Advanced Research Project:

- Process optimization for cutting parameters of titanium (Ti-6Al-4V)

Master Thesis:

- Design and prototyping of a 3d printed lightweight sailboat
  - The thesis focuses on the structural analysis of the 3d printed sailboat.
  - The design of the boat hull is done in Autodesk inventor.
  - To analyse the effect of the wave on the boat hull CFD simulation is done using ANSYS Fluent.
  - Results are passed to ANSYS Transient structural to do the FEA.

07.2010-06.2014:	L.J Institute of Engineering and Technology, Ahmedabad, India
	B.E in Mechanical engineering (CGPA=8.73)
06.2009-03.2010:	Pragati English Medium Higher Secondary School
	H.S.C (73.6%)
06.2007-03.2008:	Pragati English Medium Higher Secondary School
	S.S.C (83.69%)

Skills:

Software:
Solidworks (Advanced)
Autodesk Inventor, (Advanced)
Creo,(Advanced)
AutoCAD,(Intermediate)
SAP, (Intermediate)
Fluid Draw, (Intermediate)
Ansys, (Advanced)
Ansys Fluent, (Advanced)
Cura, (Advanced)
MS Office, (Advanced)
Codesys, (Beginner)
Python, (Intermediate)
SQL,(Intermediate)

Languages:
English (Fluent)
German (Intermediate)
Hindi (Fluent)
Gujarati (Fluent)

Ahmedabad, 05.05.2022

Rahul Rakeshkumar Jain