

SHIVAM AGARWAL

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📍 G-5, 2nd floor , Dilshad colony , Delhi-110095



CAREER SUMMARY

- Mechanical Design Engg. & production manager At Karyteck PVT. LTD (*currently*)
- Production supervisor at BRV retail solutions
- Freelance designer and product developer
- Design Intern at Afterconcept Engineering PVT LTD.
- Mech. Intern at DMRC depot. Shastri Park.
- Workshop Intern at Sagar Motors (Tata Motors)
- Design Engineer Intern at Reckon Biretta PVT. LTD
- Team member at Aerox Motorsports

EDUCATION QUALIFICATION

- Under Graduate :
B.TECH mechanical engineering,
SRM IST Delhi NCR Campus (2016-20)
78.3%
- Senior Sec. School :
11th and 12th standards,
Vivekanand School (2014-16)
73.2%
- Secondary Sec. School :
Up to 10th standards,
Bal Bharti Public School (2002-14)
74.1%

PROJECTS

- AX-19 ,FSAE FORMULA BHARAT 2019 VEHICLE
 - Manufactured and assembled various components of the vehicle
 - Designed, analysed and tested various parts of the vehicle
 - Organised recruitments and promotions of the team
 - Worked with a team of 12 students
- DESIGNING AIR INTAKE RESTRICTOR FOR KTM 390 ENGINE
 - Designed and analysed multiple types of intake restrictors and assemblies
 - Studied and researched on engine and air intakes
- STUDY AND OPTIMISATION OF SUPPLY DUCT BEND AND DIFFUSER IN HVAC SYSTEM FOR A CLASSROOM
 - Designed multiple designs of duct bend and diffuser.

- Performed comparative CFDs of supply duct bend and diffuser.
- Studied and researched on HVAC systems.
- Published research paper in IJISRT

SKILLS

- Operation of various hand and power tools
- Knowledge and hands on experience of machining and manufacturing processes like 3D printing, injection moulding, sheet metal and CNC machining.
- Autocad , Solidworks, Creo, Ansys ,Fusion 360 and CURA software proficiency.
- Knowledge of computers and various software
- Basic Arduino and Fastled coding
- Graphic designing, Image Rendering and Processing
- MS excel , MS word and MS PowerPoint

ACHIEVEMENTS

- Participation in Formula Bharat
- Published "Study And Optimisation Of Supply Duct Bend And Diffuser In HVAC System For A Classroom" in IJISRT
- 1st position in Mechoquizitive 3.0
- Attended International workshops of German education program.
- 2nd position in Techowiz, presentation section.
- Participation in drawing competitions.

KEY COMPETENCIES

- Highly Cognitive
- Quick learner
- Self-Motivated to Innovate
- Eye for Detail
- Competent and Ambitious
- Good Presentation Skills
- Team Building



CAD Projects and models:
<https://qrqo.page.link/IHWGt>