

Shibu Kumar

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To obtain a position in an innovative, creative and challenging Design environment, to apply skills and product design knowledge for the benefit of the organization and the society. Capabilities include 3d modelling, drafting, and concept generation, product designing and ready-for-manufacturing CAD models.

PROFESSIONAL EXPERIENCE

Intern- Design at Fourth Master Designs (July 2016 to till date)

Responsibilities Include:

- CAD modeling and preparation of technical drawings
- Modifying existing 3D models and drawings as per the client's requirement
- Researching and developing new concepts for consumer good items

Projects

1. Multipurpose Mobile Holder

Details: - Conceptualized and Designed a Multipurpose mobile holder which could also act as desk organizer.

2. Innovative Prototyping Board

Details: - Currently designing a prototyping board which could eliminate the problem faced by product designers during foam prototyping

CORE SKILLS

- Well versed with design Methodology
- Highly Proficient in Solid Modeling, Surface Modeling and Sheet Metal in Catia
- Basic Proficiency in Solid works and Creo
- Proficient of making foam prototypes of design
- Well Versed with commonly used plastic materials and manufacturing process

COMPUTER SKILLS

- Modeling Packages : Catia V5, Solid works and Creo
- Drafting Packages : AutoCAD 2015
- Rendering Packages : Keyshot 6
- Platform : Windows

PROFESSIONAL QUALIFICATIONS

- Bachelor of Engineering in Mechanical from Himalayan Institute of Engineering & Technology (Himachal Pradesh Technical University) India in 2016 with First Division (70%)

QUALIFICATIONS

- Passed Senior Secondary Examination (XII) from Bihar Board, Bihar in 2012 with Science subjects, scoring 78 % marks.
- Passed Matriculation Examination (X) from Brilliant Public School (CBSE), Jehanabad in 2010, scoring 76 % marks.

ACADEMIC PROJECTS

Design and Development of Hover bike

Detail: - The project involved conceptualizing, designing and developing prototype of a Hover bike The underlying theme of the project was to develop a model that could be driven on any terrain and the one which was simultaneously cost-effective and offered 'Economies of scale'. The prototype so developed was comparable to existing models of Hover bike.

Analysis and Fabrication of Solar Hybrid Collector

Detail: - The aim of the project was to design and fabricate a hybrid solar collector. Solar photovoltaic collector and its heating effecting effect were used to increase the overall efficiency.

Energy Analysis

Detail: - The aim of the project was to do the energy analyses of the HIET College building and suggest alternative ways to store and conserve energy

WORKSHOPS

- One day Engine Overhaul Workshop at Himalayan Institute of Engineering & Technology

INDUSTRIAL VISITS

- Giri Bata Hydro Electric Power Station (H.P)
- National N.T.P.C, Yamunanagar (Haryana)

INDUSTRIAL TRAINING

- Six Weeks Industrial Training at N.T.P.C, BARH (BIHAR) regarding electricity generation and its synchronization with load center.

References available on request