# **ABHISHEK GAUTAM**

**Mechanical Design Engineer** 

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**♥** Bengaluru, Karnataka

#### **SUMMARY**

As a Mechanical Engineer with a background in Design, And Research and Development, I am excited about the opportunity to join a global provider of engineered services and products in the core industry. With experience in product design, reducing costs, completing projects with commendation, and utilizing problem solving techniques, I am confident in my ability to contribute to complex technical assignments. I am a self-driven and detail-oriented individual with strong problem-solving and organizational skills. I look forward to being a valuable member of the team and contributing to the company's success.

#### **EXPERIENCE**

#### Sr Design Engineer

#### River Mobility Pvt. Ltd. (Deputed by Harita Techserv Pvt. Ltd.)

To be a leader in providing "high skill resources" and become a "partner of choice" across the value chain in Design Engineering Services.

- Design and Development of the Entire Chassis and its Child part & Battery Casing and its peripherals for the electric Scooter River.
   Responsibility involves Vehicle integration, Packaging, DFM and CAD Release for the production.
- Knowledge of manufacturing methodologies (Sheet Metal, forging, casting, machining) of large components.
- Coordination with other engineers and working on develop child parts of chassis as per FEA reports.
- Engaging in all phase of new product development, including concept, architecture, documentation, design, prototype, test, supplier Interfaces, manufacturing introduction and service support.
- Prepare using 2D and 3D CAD software mechanical drawing, thermodynamics analysis, detailed drawing and assembly models Complete with calculated dimensions and tolerances.
- Revise and alter detailed and layout drawing to conform of engineering changes.

#### Design Engineer

# SPORTAINMENT ENGINEERING AND DESIGN LLP

Sportainment Engineering & Design LLP is a Design Center dedicated to engineering and design projects for a wide array of clients spanning over almost every industry across the globe. It is a Subordinate of Fun Spot Trampolines LLC (An ABÉO Company).

- My job includes working on designing structural components of Trampoline Park, Climbing Walls, and Rope Course, Weaving machine, etc.
- Experienced with ASTM F2225-0b, ASTM F381-09a, EN 13219:2008, AS4989-2006 codes and standards.
- Designed structural components using UG NX Weldment module, following the ASTM, EN, AS spec.
- Designed sheet metal components and complex brackets using UG NX sheet metal and surfacing modules.
- Knowledge of sheet metal manufacturing methodologies (Blanking, Stamping, coining, etc.).
- Preparation of 2d drawings using GD&T & Stack up analysis.
- Efficiently drafting, detailing, DFM Check, make BOM, description, prepare installation drawing, etc.
- Handling the production software, and uploading the BOM of every project with full details on production software and setting the path of each part.

# INDUSTRY EXPERTISE Communication

**Problem Solving** 

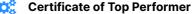
**Organizational Effectiveness** 

#### **LANGUAGES**

<b>English</b> Native	••••
<b>HINDI</b> Native	•••••
PUNJABI	

#### **AWARDS**

Proficient



Received from MD North America (ABEO GROUP) in 2019.

### **STRENGTHS**

Self-Starter

Passionate about improvement and excellence. Take initiative to learn the new and understand the old.

#### Team-Driven

Driven by the team's pursuit of success and perform where needed; whether leading or following.

### **CAD SKILLS**

UG NX SOLIDWORKS AUTOCAD

SIGMANEST PDM PLM

TEAM CENTER

# **CAD MODULE WE ARE USING**







#### **PROJECTS**

# Design and Development Of Chassis

Design and Development of the Entire Chassis and its Child part & Battery Casing and its peripherals for the electric Scooter River.

#### Weaving Machine

Done reverse engineering of Weaving Machine, made for Company Itself use.

#### Retractable Basket Ball design (Hydraulic type)

Trampoline Parks, Rope Course and Ninja Course, Climbing Walls, etc.

# **HARD SKILLS**

**₩ELDING** 

→ P & B DIAGRAM

**GD & T, AND STACK UP ANALYSIS** 

**Microsoft Office** 

**SAFE**

**COST ESTIMATION** 

₩ KPI

Microsoft Office applications

Due Diligence

# CAD MODULE WE ARE USING



SURFACING

# **PROJECT MANAGEMENT TOOLS**

BASECAMP

SLACK

**ERP** 

### **EDUCATION**

B TECH MECHANICAL ENGINEERING
Himachal Pradesh University

**=** 2010 - 2014

Class 12th

GOVT BOYS SR. SEC. SCHOOL, BILASPUR(H.P.)

**=** 2009 - 2010

# **CERTIFICATION**

Online Course on Geometric Dimensioning & Tolerancing (GD&T)

From Central Tool Room and Training Centre (CTTC), Bhubaneswar \* for the Batch from 11-10-2021 to 25-10-2021

# INDUSTRIAL TRAINING

# 30 Days Industrial Training at ACC ltd. Barmana, Bilaspur, H.P.

- The training involved learning of the complete process of production of cement

# 42 Days Industrial Training at NTPC Koldam, Bilaspur, H.P.

- The training involved learning of the complete process of generation of electricity.

#### **FIND ME ONLINE**



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