

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.)

📅 02/2023 - Present 📍 Bengaluru, Karnataka

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

📅 04/2015 - 02/2023 📍 Noida, UP

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 ABEO 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

English

Native



HINDI

Native



PUNJABI

Proficient



AWARDS



Certificate of Top Performer

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



SHEET METAL



WELDMENT

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

 **WELDING**

 **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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LinkedIn

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