Tecknotrove Systems India Private Limited

Simulation | Virtual Reality |

Augmented Reality | Gamified Learning

Job Title:	Product Design	Department:	New Product Development
Location:	Vapi	Position Type:	Full-time
Experience:	2-3 years		

About Tecknotrove Systems

Tecknotrove Systems is a young and dynamic technology company headquartered in Mumbai. Tecknotrove is Asia's leading training and simulation company focused on developing simulation and virtual reality solutions for critical applications. We develop immersive training solutions for critical applications for industries like Automotive, Aviation, Mining, Defence, Nuclear, and Industrial safety.

With a team of over 150 talented employees, we have successfully delivered projects in over 26 countries around the world. Our expertise lies in creating virtual worlds for critical applications using simulation and AR/VR technologies. We are headquartered in Andheri, Mumbai, with offices in Delhi and the Middle East and a manufacturing facility in Gujarat.

About Tecknotrove: https://tecknotrove.com

Position Summary

Improves the performance design of existing products and oversees the Design & process and appearance of the final product. Additionally, also responsible for researching and developing ideas and designing new products.

Roles and Responsibilities

Responsibilities

- Improvement in existing products design.
- Design, model, and test the newly designed products.
- Establish design briefs according to standards.
- Create concepts, design, and ideas.
- Identify and select materials needed for production.
- Produce final 3D & 2D drawings and specifications.
- Create parts lists.
- Deliver the product specification, process & procedure to the production team.
- Make samples of working 3D & 2D models for demonstration in software.
- Use computer-aided design (AUTO CAD & SOLID WORKS) to design products.
- Document records for all project proposals and associated activities.
- Find creative design solutions.
- Perform market research to understand market requirements and initiate innovative product development.
- Analyse new components, materials, and technologies to evaluate functionalities for all new product development.
- Design new concepts for the development of new products and maintain technical compatibility to develop concepts into real products.
- Provide backup services by advising and developing innovative ideas, concepts, and methods for the same.
- Design innovative production techniques and provide support to existing ones for new design rollout.

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Job Requirements and Qualifications

Education	Degree/Professional course in Mechanical/Automobile.
Experience	2-3 years of relevant experience in Design & 3D modelling & Drafting
Skills & Competencies	• Previous experience as a Design Engineer or a similar role • Previous experience in the mechanical /automobile production field • Proven experience using Solid Works; knowledge of Auto Cad is a must. • Good understanding of safety standards and environmental impact of a design • Good understanding of mechanical production processes • Ability to present in front of stakeholders and managers. • Great computational ability. • Excellent oral and written communication.