



Vehicle 3D Rendering specialist w. German

Arbeitsort: 550025, Sibiu

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Key Responsibilities:

- Create 3D animations or graphics for vehicle UI components (e.g., spoiler animations, rev counters, traffic scenarios).
- Optimize and texture 3D models; build scenes with lighting and background elements.
- Export animations (MOV, AVI, MP4) and graphic elements for integration into systems like Unity or Kanzi.
- Deliver open 3D files, videos, and graphic assets in required formats.
- Develop and maintain animation guidelines and graphic style guides (PDF, Figma, Excel).
- Document animation logic, motion paths, and asset usage instructions.
- Prepare and convert 3D vehicle data (interior/exterior) for rendering.
- Assemble and correct geometry, textures, and shaders.
- Create high-resolution renderings with appropriate lighting, HDRI backgrounds, and camera setups.
- Perform post-production (retouching, compositing) and deliver final images in PNG (16-bit, Adobe RGB, 3840x2160 px).
- Document image compositions and provide technical documentation of 3D data.

Qualifications & Experience:

- Degree in 3D Design, Animation, Computer Graphics, or related field.
- Minimum 3 years of experience in 3D visualization and rendering, preferably in the automotive or UI/UX domain.
- Strong portfolio demonstrating 3D animation, modeling, and rendering skills.
- Experience with automotive UI design principles and brand CI (Corporate Identity) guidelines.
- Ability to manage iterative design processes and meet strict delivery deadlines.
- Relevant experience with: Blender, 3ds Max, Modo, Unreal Engine, Kanzi Studio, Adobe Photoshop, Figma, Adobe Illustrator, Unity.
- German Language C1, English language is a plus.

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We create technological solutions for our customers at any stage of the product development process with a focus on hot topics such as digitalization, e-mobility and autonomous systems, largely for the automotive, aerospace and mechanical engineering sectors.

Our goal: accelerating technological progress. We work on this every day – with around 12,000 employees at over 50 sites worldwide.

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