

Date 18 November 2024

To whom it may concern,

Frank Willeke

I can confirm that Frank has been employed by INSYDIUM in his role as a Senior Software Developer since May 3rd 2021, and was later promoted to Software Engineer.

Frank brought his powerful, art-directable terrain generator used to build landscapes **Terraform4D** to join the INSYDIUM portfolio. He was solely responsible for the concept, design, framework and plugin development of this highly-customizable tool which included a layered geological scattering system to distribute texture objects on the terrain, a complex layered, data-based procedural terrain texturing system, 2D hydraulic erosion, 2D rasterizer, 2D/3D noise generator, and is completely parallelised/multithreaded.

Alongside this, he was responsible for Doxygen documentation of his framework and library code, as well as, creating a C++ framework for Cinema 4D to enable portable plugin development for Cinema 4D R20 – Cinema 4D 2025.


During his time with us, Frank has been an exemplary employee. His skills have proved invaluable on projects that have included the wider team, with whom he has dealt with professionally and in a timely manner. His collaborative spirit and effective communication made him an invaluable team player. He is much liked and highly regarded by his colleagues.

Frank consistently adhered well to our code standards and was diligent in promptly fixing bugs and sending test builds to team members, which facilitated smooth and continuous project progression. His focus was on clean and reusable code.

He has also proved to be honest, reliable and an asset to our team. Based on his performance with us, I believe Frank would be a valuable addition to any team. I recommend him without hesitation and wish Frank the best in his future endeavours.

Please get in touch if you have any further, more specific information that you require.

Yours sincerely,



Ali Clayton – HR Manager

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