

Frank Willeke

Software Engineer in 3D graphics

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Personal details

Name	Frank Willeke
Place of birth	Braunschweig, Germany
Marital status	Not married, 1 daughter
Nationality	German



Work experience

March 2022 - March 2025

Software Engineer, INSYDIUM LTD

Advancing TerraformFX to new levels of awesomeness.
Frameworks to develop Cinema 4d plugins independently from the used Cinema 4D release.

June 2021 - March 2022

Senior Software Developer, INSYDIUM LTD

Advancing Terraform4D (now TerraformFX) to a new level of artist-friendliness, ease of use, and power.

June 2020 - May 2021

Lead Software Developer, Freelance

Working on Terraform4D, a modular, layer-based terrain generation system for Cinema 4D.

November 2016 - June 2020

Senior software developer at Laubwerk GmbH

Development of the latest incarnation of SurfaceSPREAD, special renderer connections, garden planning system for OBI, and in-house tools.

April 2014 - May 2016

Senior developer at Maxon Computer GmbH

Development and conceptual design of future-proof new technologies, research & development

April 2014 - May 2016

Technical manager at Maxon Computer GmbH

Feasibility studies, code reviews, source integrations, structures, and processes

September 2012 - April 2014

Project manager at Maxon Computer GmbH

Personal responsibility for six developers in the areas modeling, motion tracking, and workflow

December 2009 - April 2014

Software developer at Maxon Computer GmbH

Development in C++ OSX and Windows.
Specialised in: Shader, video post effects, GUI, workflow

2006 - December 2009

Freelance 3D artist

Contracted 3D work e.g. for Priedemann Fassadenberatung (Großbeeren, Germany), Walter Wiese Architektur Consulting (Aachen, Germany), Tex Whitney Productions (Lilyfield, Australia), GE Transportation (General Electric, Chicago, USA), Polysius (Thyssen Krupp, Hamburg, Germany) und KI.KA / Mitteldeutscher Rundfunk (German children's television, Erfurt, Germany).

2005 - December 2009

**Freelancer for Mitteldeutscher Rundfunk
(public broadcasting)**

3D artist: Animation, modeling, development of rigs and expressions for the children's TV channel KI.KA.

2005 - December 2009

Freelance Software developer

Plug-ins and scripts for Maxon Cinema 4D

August 2003 - June 2008

CADENAS Solutions GmbH, Wolfsburg

Project management, parametric CAD engineering, assembly scripting, and in-house development.

July 2002 - July 2003

MediaWorld GmbH, Braunschweig

Online and print media design, illustration

Education

2008 - 2009

Studied Turkish language at Tömer (subsidiary of [Ankara Üniversitesi](#)), Izmir

2003 - 2008

Vocational training as IT systems businessman
Final exams at IHK Braunschweig

2002

Community service at Paritätischer Hilfsdienst, Braunschweig,
in the areas domestic services and food on wheels

2001

Graduation, intensified courses: English and music

1993 - 2001

High school: Gymnasium Ricarda-Huch-Schule, Braunschweig

1991 - 1993

Orientation stage: Orientierungsstufe Bültenweg, Braunschweig

1987 - 1991

Primary school: Grundschule Heinrichstraße, Braunschweig

Linguistic proficiency

German:	Native
English:	Business fluent
Turkish:	Advanced