

Pierre Stassen

Let the man excel in the art he loves

Professional experience

Contact

pstassen@posteo.net
www.stassen.fi

IT

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SOFiSTiK/CADINP

Tekla Structures

AutoCAD

LaTeX

R

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PowerShell

SOFiCAD

bash

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Python

Languages

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German

English

French

Finnish

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Dutch

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Swedish

- 2025– **LPI Ingenieurgesellschaft** Herten (DE)
Structural engineer
Railway bridge design recalculations, residual life calculations
Script-based, text-based workflow
Development of parametric calculation models
Dynamic report generation with LaTeX, R/knitr and SOFiSTiK/CADINP
- 2019–2024 **Remmel + Sattler Ingenieurgesellschaft** Frankfurt am Main (DE)
Structural engineer
Structural design for high-rise buildings and industry worldwide
Efficient workflow using SOFiSTiK/CADINP
Development of text-based parametric calculation models
Interfacing of multiphysics and mechanical calculation models
Results reporting using LaTeX and Excel
- 2018–2019 **RTW Architekten- und Ingenieurgesellschaft** Berlin (DE)
Construction site manager
Direction of construction and renovation works
Verification of drawings before implementation
Coordination of trades, quality checks, handover
- 2016–2018 **Engineering office Kimmo Kaitila** Helsinki (FI)
Designer/drafter, BIM-officer
Modelling of buildings and precast components with Tekla Structures
Creation and maintenance of BIM models
Production of BIM-based plans, material takeoff and documentation
- 2014–2016 **YIT** Helsinki (FI)
Construction site manager
Direction of demolition and construction works
Quality checks before handover
- 2014–2016 **Bionova** Helsinki (FI)
Energy consultant
Calculation and simulation of building energy consumption
Development and translation of LCA software 360Optimi
Development of energy web services for the cities of Lahti and Kuopio

Education

- 2017–2022 **Construction engineering** Diplom Technische Universität Dresden (DE)
Specialisation: *Computational engineering*
- 2013–2016 **Construction engineering** Bachelor (UAS) Metropolia UAS, Helsinki (FI)
Specialisation: *Sustainable building engineering*

Hobbies

Cycling, swimming, reading *The Economist*, listening to German public radio DLF, fiddling with open source software.