RAKENNESTUDIO

CV

Name	Jonas Isaksson	
Year of birth	1990	
Education	Bachelor of Engineering (B.Eng), Novia University of Applied Sciences (2014)	
Years of work experience	9	
Job title	Structural Engineer	
Key qualifications	Building information modelling	
Language skills	Swedish, Finnish, English	

Work Experience

2022–	Rakennestudio Oy / Structural Studio Ltd	Structural Engineer
2015–2022	Sweco Structures Ltd	Structural Engineer
2012–2015	Kiinteistösaneeraus Ltd	Superintendent

Qualifications

2023	FISE certification grade V+ (Difficult) Designer of concrete structures (until 24.05.2030)

Courses

2017	Project Management training II (Sweco Academy)
2017	Project Management training I (Sweco Academy)
2015	Eurocodes, Concrete EC2 (Sweco Academy)
2015	Tekla Structures training (Sweco Academy)

Projects

2023–	Hyökyvuoren pysäköintilaitos (Espoo) Parking garage structural design and precast element shop drawings (10 000 m2) 362 cars Customer: Fira Rakennus Oy	Structural Engineer Grade: Difficult
2023	*Säterinkallion autohalli* Post-tensioned and cast-in-situ concrete structures 29 cars Tilaaja: Helsingin Hartela Etelä-Suomi Oy	Structural Engineer Vaativuus: V+
2023	P-Paraati (Jyväskylä) Post-tensioned and cast-in-situ concrete structures (6 600 m2) 200 cars Customer: Helsingin Laudoitus Oy	Structural Engineer Vaativuus: Difficult+
2022–2023	*Ainola parking bulding (Järvenpää)* Parking garage structural design and precast element shop drawings (10 500 m^2) 400 cars. Customer: Fira Rakennus Oy	Structural Engineer Grade: Difficult
2022–2023	*Sähkömiehentie parking building (Espoo)* Parking garage structural design and precast element shop drawings (6 900 m^2) 270 cars Customer: Fira Rakennus Oy	Structural Engineer Grade: Difficult
2022-2023	*Finnoo Maren, parking structure (Espoo)* Main structural engineering and post-tensioning design for deck slab (11 817 m^2)	Structural Engineer Grade: Difficult+
2022	*Verkkosaari block 10652 parking (Helsinki)* Full structural design of a one-storey parking building: cast-in-situ structures and post-tensioned structures. (3 300 m^2) Customer: Raksystems Insinööritoimisto Oy	Structural Engineer Grade: Difficult
2021–2022	*As Oy Espoon Länsituuli (Espoo)* Structural calculations and design of precast structures. 3D-modelling and detail design. Customer: YIT	Structural Engineer Grade: Difficult
2021	*Järfällatunneln (Stockholm, Sweden)* Extension of the Stockholm metro. Structural design of four station buildings, cast-in-situ and precast structures. Customer: Sweco Sweden	Structural Engineer Grade: Difficult
2021	*Niittyportti 2 (Espoo)* Post-tensioned structures of a parking building. Customer: Lujatalo Oy	Structural Engineer Grade: Difficult
2020	*Mölnlycke fabriker (Sweden)* 3D-modelling and detail design. Customer: Sweco Sweden	Structural Engineer Grade: Difficult

2020	*Telakkaranta (Helsinki)* Parking building, structural calculations, and 3D-modelling. Customer: Skanska Ltd	Structural Engineer Grade: Difficult
2019–2020	*KV Konsuln (Sweden)* Structural calculations, and 3D-modelling. Customer: Sweco Sweden	Structural Engineer Grade: Difficult
2019	*Carpe Futurum, Vattenfall (Sweden)* Power plant, 3D-modelling. Customer: Sweco Sweden	Structural Engineer Grade: Difficult
2018–2019	*Tolvåkersskolan (Sweden)* Design of precast structures and 3D-modelling. Customer: Sweco Sweden / Finja Prefab	Structural Engineer Grade: Difficult
2018–2019	*Skurup Flintebro (Sweden)* Design of precast structures and 3D-modelling. Customer: Sweco Sweden / Finja Prefab	Structural Engineer Grade: Difficult
2018	*Ängalyckan (Sweden)* 3D-modelling. Customer: Sweco Sweden / Finja Prefab	Structural Engineer Grade: Difficult
2018	*Hermodsdalsskolan (Sweden)* 3D-modelling. Customer: Sweco Sweden / Finja Prefab	Structural Engineer Grade: Difficult
2018	*Project PHDM - Amgen (Sweden)* 3D-modelling. Customer: Sweco Sweden	Structural Engineer Grade: Difficult
2018	*Telakkaranta (Helsinki)* Parking building, structural calculations, and 3D-modelling. Customer: Skanska Ltd	Structural Engineer Grade: Difficult
2017–2018	*LKAB Malmberget (Sweden)* Steel-frame design and 3D-modelling. Customer: Sweco Sweden	Structural Engineer Grade: Exceptionally difficult
2017	*Nokian hoivakoti (Nokia)* Nursing home, 3D-modelling. Customer:	Structural Engineer Grade: Conventional
2016–2017	*SCA Project Helios (Sweden)* Design of precast structures and 3D-modelling. Customer: Sweco Sweden	Structural Engineer Grade: Exceptionally difficult
2015–2016	*ESS Particle accelerator (Sweden)* 3D-modelling. Customer: ESS	Structural Engineer Grade: Exceptionally difficult
2015	*Metsä Fibre Bioproduct mill (Äänekoski)* Design of precast structures and 3D-modelling. Customer: Metsä Fibre	Structural Engineer Grade: Exceptionally difficult
2015	*Bodens Garnison (Sweden)* 3D-modelling. Customer: Rajaville Ltd	Structural Engineer Grade: Difficult
2015	*Karjaan Senioritalo (Karjaa)* Nursing home, 3D-modelling. Customer: Fira Oy	Structural Engineer Grade: Difficult

2015	*Rastilankallion pysäköinti Oy (Helsinki)* Extension of a parking building. Customer: Fira Oy	Structural Engineer Grade: Conventional