RS
RAKENNESTUDIO

CV

Name	Sakari Huttu
Year of birth	1993
Education	Bachelor of Engineering (B.Eng), SEAMK University of Applied Sciences (2016)
Years of work experience	10
Job title	Structural Engineer
Key qualifications	BIM, FEM, Elements design and calculations
Language skills	Finnish, English, Swedish

Work Experience

10/2022–	Rakennestudio Oy / Structural Studio Ltd	Structural Engineer
01/2017–09/2022	Sweco Structures Ltd	Structural Engineer/Project Engineer
03/2016–12/2016	Sweco Structures Ltd	Structural Engineer/Trainee
05 – 08/2015, 05 – 08/2014, 04 - 08/2012, 06 – 08/2011, 06 – 08/2010	Suomen Pientalosaneeraus Oy	Summer job/construction worker

Qualifications

2023	FISE certification grade V+ (difficult) Designer of concrete structures (until 06.09.2030)

Courses

2019	Project Management training (Sweco Academy, Silver)

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Projects

2025-	***Logomon pysäköintitalo (Turku)*** 5-storey parking building: cast in situ-, precast element-, steel- and post tensioned structures. Project includes warm rooms in 1.floor (14 472 m2) Customer: Keski-Suomen Betonirakenne Oy	Structural Engineer Grade: Difficult+
2025-	***As Oy Espoon Platinaheikki (Espoo)*** Overall structural engineering of a 5-story appartment buildings and 1-story parking building (cast in-situ, prefabricated elements, post-tensioned structures). 14 parking spaces. (2 250 m2) Customer: Varte Oy	Structural Engineer Grade: Difficult+
2025	***Rykmentinportinkatu 3 (Tuusula)*** Structural design of a warehouse, office building and production spaces with precast structures and steel structures. (11 400 m2) Customer: Jatke Toimitilat Oy	Structural Engineer Grade: Difficult+
2025	***Storage- and service buildings (2 pc) (Tammisaari)*** Woodstructure- and precast element design. (1500 + 550 m2) Customer: Senaatti Kiinteistöt	Structural Engineer Grade: Difficult
2025	***Hospital, maintenance building and vehicle canopy (Kouvola)*** Structural design and precast element design. (3190 m2) Customer: Senaatti Kiinteistöt	Structural Engineer Grade: Difficult
2024-	***As Oy Kvartsiheikki I, II, III ja pysäköintilaitos (Espoo)*** Overall structural engineering of a 2 to 7-story appartment buildings and 2-story parking building (cast in-situ, prefabricated elements, steel structures, post-tensioned structures). 69 parking spaces. (10 000 m^2) Customer: Varte Oy	Structural Engineer Grade: Difficult
2024	***Kirkkiksen koulu*** Designing of concrete elements in CLT-frame school building Customer: Rakennusliike U.Lipsanen Oy	Structural Engineer Grade: Difficult
2023-2024	***Maintainance building (Kouvola)*** Maintainance and office building structural engineering (4600 m2) Customer: Senaatti Kiinteistöt	Structural Engineer Grade: Difficult
2023-2024	***Koroppa III (Vantaa)*** Structural design of a warehouse: precast structures. (8 000 m^2) Customer: Jatke Toimitilat Oy	Structural Engineer Grade: Difficult
2023	**Melkinlaiturin Pysäköintilaitos (Helsinki)** Parking garage structural design and precast element shop drawings (14 000 m2) 459 cars Customer: Fira Rakennus Oy	Structural Engineer Grade: Difficult

2023–2024	**Lämpölaitos Bio 5 (Raasepori)** Heating power plant structural engineering of steel frame and concrete structures (600 m2) Customer: Raaseporin Energia Oy	Structural Engineer Grade: Difficult
2023	**KCM Kerava ja Oulunkylän K-rauta** Steel canopies structural engineering Customer: Kesko Oyj	Structural Engineer Grade: Difficult
2022-2024	***As Oy Verkkosaaren Artus (Helsinki)*** Precast residential buildings, structural design and precast design (S- SK- V- KE- CL- MP- P- and L-element types)	Structural Engineer Grade: Difficult
2023	***Verkkosaari blocks 10657 and 10652 parking (Helsinki)*** Crane foundation design 4 pcs	Structural Engineer Grade: Difficult
2023	***Puotilan ostari (Helsinki)*** Post-tensioned concrete structures (839m2)	Structural Engineer Grade: Difficult
2022	***Rodoparkki (Helsinki)*** Post-tensioned concrete structures (3141m2)	Structural Engineer Grade: Difficult
2022	***HGIN Sara, Capella, Verkkoneula, parking (Helsinki)*** Post-tensioned concrete structures (699m2)	Structural Engineer Grade: Difficult
2022	***As Oy Espoon Vanbronpolku and Vanbronportti (Espoo)*** Precast residential buildings, structural design and precast design coordination (S- KE- CL- MP- and LX-element types)	Structural Engineer Grade: Exceptionally difficult
2021-2022	***As Oy Espoon Vanbronniitty (Espoo)*** Building stability design / Structural design, Precast residential building, structural design and precast design coordination (S- KE- CL- MP- and LX-element types)	Structural Engineer Grade: Exceptionally difficult
2020-2021	***Stockholm subway, station Järla (Stockholm, Sweden)*** Structural design, detail design of the structures, steel structure ceilings	Structural Engineer Grade: Exceptionally difficult
2020-2021	***Stockholm subway, station Sickla, ticket hall/entrance area (Stockholm, Sweden)*** Building stability design / Structural design	Structural Engineer Grade: Exceptionally difficult
2019-2022	***Tapiolan tuultenristi, Itätuuli residential building (Espoo)*** Building stability design / Structural design and precast design coordination, model responsible Customer: YIT	Structural Engineer Grade: Exceptionally difficult
2019	***Lippulaiva, Block A and B (Espoo)*** Modelling and designing shafts made from cast in place concrete and detail calculations of structures	Structural Engineer Grade: Difficult
2019	***Scania, Södertälje (Sweden)*** Machine foundations Cast in place structures (Modelling of machine foundations and dimension- and00 reinforcement drawings and reinforcement lists) Customer: Sweco Sweden	Structural Engineer Grade: Conventional

2019	***Lounavoima, Eco-energyfactory (Salo)*** Precast element design (socle-, sandwich-, partition wall- and landing-elements modelling and drawings	Structural Engineer Grade: Difficult
2019–2020	***KV Konsuln (Sweden)*** Office Building 24 000 m^2 structural calculations, precast element design and modelling of the building Customer: Sweco Sweden	Structural Engineer Grade: Difficult
2019	***Retoriikka, parking house*** Precast element design (socle-, partition wall-, and massive slab elements modelling and drawings)	Structural Engineer Grade: Conventional
2019	***Tolvåkersskolan (Sweden)*** 2 pcs school buildings, precast element design, modelling and drawings Customer: Sweco Sweden / Finja Prefab	Structural Engineer Grade: Difficult
2019	***Skurup Flintebro (Sweden)*** Small residential buildings 3 pcs precast element design, modelling and drawings Customer: Sweco Sweden / Finja Prefab	Structural Engineer Grade: Difficult
2019	***Reaktor Steens gate (Norway)*** Precast element design (Landing- and stair elements modelling and drawings) Customer: Sweco Norge	Structural Engineer Grade: Conventional
2018	***Kläppens förskola (Sweden)*** Project engineer/Precast element design (walls, stair flights, landings and massive slabs) Customer: YBT	Structural Engineer Grade: Difficult
2018	***Ø16 (Østensjøveien, Norway)*** Workshop- and precast element design (walls, columns, massive slabs and steel frame structure design, modelling and drawings) Customer: Sweco Norge	Structural Engineer Grade: Difficult
2018	***Piteå Elfilter (Sweden)*** Concrete structure frame stability analysis and structure calculations	Structural Engineer Grade: Difficult
2017	***Wood City, parking house (Helsinki)*** Stability analysis and structure calculations	Structural Engineer Grade: Difficult
2017–2018	***Hasle skole (Norway)*** Workshop- and precast element design (three school buildings including walls and steel frame structure design, modelling and drawings) Customer: Sweco Norge	Structural Engineer Grade: Difficult
2017	***BSP-04 (Bjerkaker sjöpark, block B, Norway)*** Landings, stair flights modelling and drawings Customer: Sweco Norge	Structural Engineer Grade: Difficult
2017–2018	***BYPF (Byparken finnsnes, Norway)*** Walls, columns, beams, landings and stair flights modelling and drawings. Also BYPF Auditorio: stairs, calculations, modelling and drawings Customer: Sweco Norge	Structural Engineer Grade: Difficult

2017	***BSP-04 (Bjerkaker sjöpark, block C, Norja)*** Landings, stair flights and prestressed balconies modelling and drawings Customer: Sweco Norge	Structural Engineer Grade: Difficult
2017–2018	***LKAB Malmberget (Sweden)*** Mining factory area, steel structure design, 3 pcs steel frame buildings, stairshaft, inside steel structures and pipeline Customer: Sweco Sweden	Structural Engineer Grade: Exceptionally difficult
2017	***Nokian hoivakoti (Nokia)*** Care facility, precast element design, modelling and drawings Customer: City of Nokia	Structural Engineer Grade: Conventional
2016–2017	***SCA Project Helios (Sweden)*** Pulp mill factory, precast element design, steel structure design, calculations, modelling and drawings Customer: Sweco Sweden	Structural Engineer Grade: Exceptionally difficult
2016	***Metsä Fibre ”bio” pulp mill factory (Äänekoski)*** Steel structure design Customer: Metsä Fibre	Structural Engineer Grade: Conventional