


CV

Name	Juho Järviukuona	
Year of birth	1986	
Education	Master of Science (Technology), Structural Engineering and Building Technology Aalto University (2012)	
Years of work experience	14	
Job title	CEO	
Key qualifications	Post-tensioned concrete structures, parking buildings	
Language skills	Finnish, English, Swedish, French, German	

Work Experience

2021-	RakenneStudio Oy / Structural Studio Ltd	CEO, Partner
2020–2021	RakenneStudio Oy / Structural Studio Ltd	Technical Director, Partner
2017–2020	Sweco Structures Ltd	Department Manager
2018–	Aalto University, Department of Structural Engineering	Lecturer, reinforced and post-tensioned concrete structures
2016–2017	Sweco Structures Ltd	Team Manager
2012–2016	Pöyry Finland Oy	Project Manager
2010–2012	Pöyry Civil Oy	Trainee / Junior Engineer

Qualifications

2016	FISE certification grade V+ (Difficult) Designer of concrete structures (until 05.09.2023)
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Memberships

RIL - Finnish Association of Civil Engineers
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Publications

Master's Thesis: Design of post-tensioned parking structure with unbonded tendons (2012)
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Projects

2025	BESS Kauhava (Kauhava) Electricity station and battery storage field Customer: KSBR	Responsible Engineer Grade: Difficult
2025–2026	FPXII Laajennus (Hanko) Several production buildings Customer: Forcit Oy Ab	Responsible Engineer Grade: Difficult
2025	Helsingin Ensiparvi 3-5 parking garage (Helsinki) Post-tensioned and cast-in-situ concrete structures (2800 m ²) 77 cars Customer: Kver Oy	Structural Engineer Grade: Difficult
2025	Arabia residential parking (Helsinki) Post-tensioned and cast-in-situ concrete structures (620 m ²) Customer: YIT Infra Oy	Structural Engineer Grade: Difficult
2025	Tammisto KCM pysäköintilaitos (Vantaa) Commercial parking garage structural design and precast element shop drawings (13 990 m ²) 303 cars Customer: Fira Rakennus Oy	Responsible Engineer Grade: Difficult
2025	Hangonsillan pysäköintilaitos (Hyvinkää) Parking garage structural design and precast element shop drawings (6160 m ²) 221 cars Customer: Fira Rakennus Oy	Responsible Engineer Grade: Difficult
2025-	Datacenter (Kirkkonummi) Structural design of foundations and underground structures. (15 000 m ²) Customer: Kreate Oy	Structural Engineer Grade: Difficult
2024–2025	Nekala fire station (Tampere) 2-storey fire station including maintenance and office spaces (4 457 m ²). Customer: Pirkanmaan hyvinvointialue	Responsible Engineer Grade: Difficult
2024–2025	Maintenance and office building (Kouvola) Structural design and precast element design. (3924 m ²) Customer: Senaatti Kiinteistöt	Responsible Engineer Grade: Difficult
2024–2026	Hospital, maintenance building and vehicle canopy (Kouvola) Structural design and precast element design. (3 190 m ²) Customer: Senaatti Kiinteistöt	Responsible Engineer Grade: Difficult
2024–2025	Myllymatkantie parking (Helsinki) Post-tensioned and cast-in-situ concrete structures (870 m ²) Customer: Lujatalo Oy	Structural Engineer Grade: Difficult
2024–2025	Raamattuopisto parking (Kauniainen) Post-tensioned and cast-in-situ concrete structures (920 m ²) Customer: Naulankanta Oy	Structural Engineer Grade: Difficult

2023–2025	Maintainance building (Kouvola) Maintainance and office building structural engineering (4600 m ²) Customer: Senaatti Kiinteistöt	Responsible Engineer Grade: Difficult
2023–2024	Lämpölaite Bio 5 (Raasepori) Heating power plant structural engineering of steel frame and concrete structures (600 m ²) Customer: Raaseporin Energia Oy	Responsible Engineer Grade: Difficult
2023–2025	Melkinlaiturin Pysäköintilaitos (Helsinki) Parking garage structural design and precast element shop drawings (14 000 m ²) 459 cars Customer: Fira Rakennus Oy	Responsible Engineer Grade: Difficult
2023–2024	Lämpölaite Bio 5 (Raasepori) Heating power plant structural engineering of steel frame and concrete structures (600 m ²) Customer: Raaseporin Energia Oy	Responsible Engineer Grade: Difficult
2023	KCM Kerava ja Oulunkylän K-rauta Steel canopys structural engineering Customer: Kesko Oyj	Responsible Engineer Grade: Difficult
2023–2024	Hyökkyvuoren pysäköintilaitos (Espoo) Parking garage structural design and precast element shop drawings (10 000 m ²) 362 cars Customer: Fira Rakennus Oy	Responsible Engineer Grade: Difficult
2023–2024	P-Paraati (Jyväskylä) Post-tensioned and cast-in-situ concrete structures (6 600 m ²) 200 cars Customer: Helsingin Laudoitus Oy	Structural Engineer Grade: Exceptionally difficult
2022–2023	<i>Ainola parking bulding (Järvenpää)</i> Parking garage structural design and precast element shop drawings (10 500 m ²) 400 cars. Customer: Fira Rakennus Oy	Responsible Engineer Grade: Difficult
2022-2023	<i>Pähkinäparkki (Vantaa)</i> Parking garage structural design and precast element shop drawings (6 000 m ²) 237 cars Customer: Torppari Oy	Structural Engineer Grade: Difficult
2022	<i>Peltolammi hyvinvointikeskus (Tampere)</i> Pre-design of a shopping center and a parking garage. (27 800 m ²) Customer: Lujatalo Oy	Structural Engineer Grade: Difficult
2022–2023	<i>Sähkömiehentie parking building (Espoo)</i> Parking garage structural design and precast element shop drawings (6 900 m ²) 270 cars Customer: Fira Rakennus Oy	Responsible Engineer Grade: Difficult

2022–2023	<i>Rantakartano parking building (Lahti)</i> Post-tensioned and cast-in-situ concrete structures (12 900 m ²) 434 cars Customer: Fira Rakennus Oy	Responsible Engineer Grade: Difficult
2022	<i>Alhotien pysäköinti (Järvenpää)</i> Post-tensioned and cast-in-situ concrete structures (3830 m ²) Customer: Naulankanta Oy	Structural Engineer Grade: Difficult
2021–2022	<i>RKL Rengaskierrätyslaitos (Loppi)</i> Tyre recycling factory. (5360 m ²) Customer: Jatke Toimitilat Oy	Responsible Engineer Grade: Difficult
2021–2022	<i>Puustellinkallion pysäköinti (Espoo)</i> Post-tensioned and cast-in-situ concrete structures (4350 m ²) Customer: Naulankanta Oy	Structural Engineer Grade: Difficult
2021–2022	<i>Päähöyry Oy:n toimitilat (Kerava)</i> Three-storey office building and maintenance hall for trucks. (3650 m ²) Customer: Tervahauta Oy	Responsible Engineer Grade: Difficult
2021	<i>Nokkalan Seaside (Espoo)</i> Post-tensioned and cast-in-situ concrete structures (1080 m ²) Customer: Helsingin Laudoitus Oy	Structural Engineer Grade: Difficult
2021	<i>Helsingin Tammi (Helsinki)</i> Post-tensioned and cast-in-situ concrete structures (1250 m ²) Customer: Insinööritoimisto Matti Janhunen Oy	Structural Engineer Grade: Difficult
2020–2021	<i>Hakaniemi Market hall's service entrance (Helsinki)</i> Hakaniemi market hall's service entrance, post- tensioned two-way beam slabs. (900 m ²) Customer: Dracon Oy	Structural Engineer Grade: Difficult
2020	<i>Lohenpoika ja Taimenpuro parking building (Helsinki)</i> Three storey parking building. Post-tensioned structures. (5439 m ²) Customer: Insinööritoimisto Matti Janhunen Oy	Structural Engineer Grade: Difficult
2020–2021	<i>Vantaan Rasti (Vantaa)</i> Steel framed factory and logistics center and post- tensioned parking garage. (12 000 m ²) Customer: EKE Rakennus Oy	Responsible Engineer Grade: Exceptionally difficult
2020–2021	<i>Postipuisto parking garage(Helsinki)</i> Post-tensioned and cast-in-situ concrete structures (3385 m ²) Customer: Helsingin Laudoitus Oy	Structural Engineer Grade: Difficult
2020–21	<i>GWS-LPA Parking Building (Helsinki)</i> Post-tensioned and cast-in-situ concrete structures (25 553 m ²) Customer: JM Suomi Oy	Structural Engineer Grade: Difficult

2019–2020	<i>Lippulaiva Shopping Centre, Huoltopiha (Espoo)</i> Concrete frame structures and post-tensioned structures. (8000 m ²) Customer: Citycon Oyj	Structural Engineer Grade: Exceptionally difficult
2019	<i>Lippulaiva Shopping Centre, Länsilohkot, bus terminal (Espoo)</i> Concrete frame structures and post-tensioned structures. (38 000 m ²) Customer: Citycon Oyj	Structural Engineer Grade: Exceptionally difficult
2019	<i>Turun toriparkki</i> Inspection of the construction site (reinforced structures) Customer: Skanska	Structural Engineer Grade: Difficult
2019–2020	<i>Mahtiparkki 626 (Espoo)</i> Post-tensioned structures (6000 m ²) Customer: Naulankanta Oy	Structural Engineer Grade: Difficult
2019–2020	<i>Helsingin Kotiasema Parking building (Helsinki)</i> Full frame design and design of post-tensioned structures (3000 m ²) Customer: Naulankanta Oy	Responsible Engineer Grade: Difficult
2018–2019	<i>Sortilantie 4 warehouse and office space (Kerava)</i> Steel and post-tensioned concrete structures (2000 m ²) Customer: N-Invest Oy	Responsible Engineer Grade: Exceptionally difficult
2018–2019	<i>Retoriikka parking building (Turku)</i> Post-tensioned concrete structure, new built and extension of an existing parking building (6000 m ²) Customer: YIT	Structural Engineer Grade: Difficult
2018–2020	<i>Ratapihakortteli 17105 phase I and phase II (Helsinki)</i> Post-tensioned concrete structures for a parking building (8000 m ²) Customer: Kojamo Oy	Structural Engineer Grade: Difficult
2018	<i>Kruunuvuorenkatu 2 (Helsinki)</i> Post-tensioned structures for a yard deck (2750 m ²) Customer: Consti Oy	Structural Engineer Grade: Difficult
2017–2019	<i>Wood City Parking building (Helsinki)</i> Post-tensioned and cast-in-situ concrete structures (9000 m ²) Customer: SRV Rakennus Oy	Structural Engineer Grade: Difficult
2017–2019	<i>Uuno Kailaan katu parking building (Espoo)</i> Post-tensioned and cast-in-situ concrete structures (11 500 m ²) Customer: Kojamo Oy	Responsible Engineer Grade: Difficult
2017	<i>As Oy Espoon Koho (Espoo)</i> Post-tensioned structures for a parking building (5000 m ²) Customer: Naulankanta Oy	Structural Engineer Grade: Difficult
2017	<i>As Oy Helsingin Valokehrä (Helsinki)</i> Post-tensioned and cast-in-situ concrete structures (1700 m ²) Customer: Pohjola Rakennus Uusimaa Oy	Structural Engineer Grade: Difficult

2017	<i>As Oy Neilikkatie 11 (Vantaa)</i> Post-tensioned and cast-in-situ concrete structures Customer: Fira Oy	Structural Engineer Grade: Difficult
2016–2017	<i>Kehä I (mt101) välillä Länsiväylä-Tapiolantie tunnel (Espoo)</i> Concrete structures for an underground tunnel Customer: SRV	Structural Engineer, structural calculations Grade: Exceptionally difficult
2016	<i>Ryhmärakentaminen Jätkäsaari (Helsinki)</i> Development phase for a residential building Customer: Fira Oy	Structural Engineer Grade: Difficult
2016	<i>Ruusuparkki parking (Espoo)</i> Extension of a parking building Customer: Espoon kaupunki	Structural Engineer Grade: Difficult
2016	<i>Technopolis Ruoholahti (Helsinki)</i> Office building, post-tensioned structures Customer: Fira Oy	Structural Engineer Grade: Difficult
2016	<i>Nokian Tyres High Storage building (Vsevolozhsk, Venäjä)</i> Concrete structures, roof steel grid (span 36 m, 16 000 m ²) Customer: Nokian Tyres	Structural Engineer Grade: Exceptionally difficult
2016	<i>Töölönkatu parking (Helsinki)</i> Post-tensioned structures for a parking building built into rock (12 000 m ²) Customer: YIT Rakennus Oy	Structural Engineer Grade: Difficult
2015–2016	<i>Matinkylä-Kivenlahti Metro station (Espoo)</i> Design of a metro station (15 000 m ²) Customer: Länsimetro Oy	Structural Engineer Grade: Exceptionally difficult
2014–2016	<i>P5 Parking building (Vantaa)</i> Post-tensioned and concrete structures (130 000 m ²) Customer: SRV Rakennus Oy	Structural Engineer Grade: Exceptionally difficult
2014	<i>Nokian Tyres Warehouse (Vsevolozhsk, Venäjä)</i> Concrete structures, steel structures, primary steel grids 18 m, secondary steel grids 24 m (20 000 m ²), post-tensioned structures Customer: Nokian Tyres	Structural Engineer Grade: Exceptionally difficult
2014	<i>Finnair Cargo (Vantaa)</i> Preliminary design phase for a steel framed structure and prestressed frame structure (32 000 m ²) Customer: Finnair Oy	Structural Engineer Grade: Exceptionally difficult
2013–2014	<i>Technoparkki II (Lappeenranta)</i> Post-tensioned structures for an underground parking building (7000 m ²) Customer: Williparkki Oy	Structural Engineer Grade: Exceptionally difficult
2013–2014	<i>Ratakuja parking (Vantaa)</i> Post-tensioned structures (7500 m ²) Customer: YIT Infra Oy	Structural Engineer Grade: Difficult
2013	<i>Töölö tram hall (Helsinki)</i> Inspection of the facade Customer: HKL	Structural Engineer Grade: Conventional

2013	<i>Töölön raitiovaunuhalli (Helsinki)</i> Repair design for a concrete slab Customer: HKL	Structural Engineer Grade: Difficult
2013	<i>Opetusviraston kiinteistö Teollisuuskatu 23 (Helsinki)</i> Preliminary design for a school building Customer: Helsingin kaupunki	Structural Engineer Grade: Difficult
2013	<i>As Oy Onnelanpolku (Lahti)</i> Post-tensioned structures for a yard deck (1500 m ²) Customer: YIT Rakennus Oy	Structural Engineer Grade: Difficult
2013	<i>Finnish Embassy (Brasilia)</i> Renovation and extension of the embassy building	Structural Engineer Grade: Conventional
2013–2014	<i>Orion Warehouse (Espoo)</i> Structural design Customer: Orion Oy	Structural Engineer Grade: Difficult
2013	<i>Ruusuparkki (Espoo)</i> Condition survey of a parking building Customer: Areena Oy	Structural Engineer Grade: Conventional
2013–2014	<i>Telecity Palvelinkeskus (Vantaa)</i> Structural design Customer: Telecity	Structural Engineer Grade: Difficult
2012–2013	<i>Mineral Wool Factory, Oblast (Venäjä)</i> Structural design (29 000 m ²) Customer: Paroc Oy	Structural Engineer Grade: Exceptionally difficult
2012	<i>As Oy Joensuun Rantakivi (Joensuu)</i> Post-tensioned structures Customer: YIT Infra Oy	Structural Engineer Grade: Difficult
2012	<i>As Oy Lahden Viikarinkulma (Lahti)</i> Post-tensioned structures Customer: YIT Infra Oy	Structural Engineer Grade: Difficult
2012–2013	<i>As Oy Ratakuja Pysäköintihalli (Vantaa)</i> Post-tensioned structures for a yard deck Customer: YIT Infra Oy	Structural Engineer Grade: Exceptionally difficult
2010–2012	<i>Nokian Tyres (Vsevolozhsk, Venäjä)</i> Factory extension (25 000 m ²) Steel and concrete structures. Spans for primary structures 18 m and for secondary structures 24 m. Customer: Nokian Tyres	Structural Engineer Grade: Exceptionally difficult
2010–2011	<i>Holiday Club Saimaa (Joutseno)</i> Concrete element design	Structural Engineer Grade: Exceptionally difficult