


# 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	10	
Job title	Technical Director	
Key qualifications	Post-tensioned concrete structures, parking buildings	
Language skills	Finnish, English, Swedish, French, German	

## Work Experience

2020–	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

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

2017	<b>As Oy Helsingin Valokehrä (Helsinki)</b> Post-tensioned and cast-in-situ concrete structures (1700 m <sup>2</sup> ) Customer: Pohjola Rakennus Uusimaa Oy	Structural Engineer Grade: Difficult
2017	<b>As Oy Neilikkatie 11 (Vantaa)</b> Post-tensioned and cast-in-situ concrete structures Customer: Fira Oy	Structural Engineer Grade: Difficult
2016–2017	<b>Kehä I (mt101) välillä Länsiväylä-Tapiolantie tunnel (Espoo)</b> Concrete structures for an underground tunnel Customer: SRV	Structural Engineer, structural calculations Grade: Exceptionally difficult
2016	<b>Ryhmärakentaminen Jätkäsaari (Helsinki)</b> Development phase for a residential building Customer: Fira Oy	Structural Engineer Grade: Difficult
2016	<b>Ruusuparkki parking (Espoo)</b> Extension of a parking building Customer: Espoon kaupunki	Structural Engineer Grade: Difficult
2016	<b>Technopolis Ruoholahti (Helsinki)</b> Office building, post-tensioned structures Customer: Fira Oy	Structural Engineer Grade: Difficult
2016	<b>Nokian Tyres High Storage building (Vsevolozhsk, Venäjä)</b> Concrete structures, roof steel grid (span 36 m, 16 000 m <sup>2</sup> ) Customer: Nokian Tyres	Structural Engineer Grade: Exceptionally difficult
2016	<b>Töölönkatu parking (Helsinki)</b> Post-tensioned structures for a parking building built into rock (12 000 m <sup>2</sup> ) Customer: YIT Rakennus Oy	Structural Engineer Grade: Difficult
2015–2016	<b>Matinkylä-Kivenlahti Metro station (Espoo)</b> Design of a metro station (15 000 m <sup>2</sup> ) Customer: Länsimetro Oy	Structural Engineer Grade: Exceptionally difficult
2014–2016	<b>P5 Parking building (Vantaa)</b> Post-tensioned and concrete structures (130 000 m <sup>2</sup> ) Customer: SRV Rakennus Oy	Structural Engineer Grade: Exceptionally difficult
2014	<b>Nokian Tyres Warehouse (Vsevolozhsk, Venäjä)</b> Concrete structures, steel structures, primary steel grids 18 m, secondary steel grids 24 m (20 000 m <sup>2</sup> ), post-tensioned structures Customer: Nokian Tyres	Structural Engineer Grade: Exceptionally difficult
2014	<b>Finnair Cargo (Vantaa)</b> Preliminary design phase for a steel framed structure and prestressed frame structure (32 000 m <sup>2</sup> ) Customer: Finnair Oy	Structural Engineer Grade: Exceptionally difficult
2013–2014	<b>Technoparkki II (Lappeenranta)</b> Post-tensioned structures for an underground parking building (7000 m <sup>2</sup> ) Customer: Williparkki Oy	Structural Engineer Grade: Exceptionally difficult

2013–2014	<b>Ratakuja parking (Vantaa)</b> Post-tensioned structures (7500 m <sup>2</sup> ) Customer: YIT Infra Oy	Structural Engineer Grade: Difficult
2013	<b>Töölö tram hall (Helsinki)</b> Inspection of the facade Customer: HKL	Structural Engineer Grade: Conventional
2013	<b>Töölön raitiovaunuhalli (Helsinki)</b> Repair design for a concrete slab Customer: HKL	Structural Engineer Grade: Difficult
2013	<b>Opetusviraston kiinteistö Teollisuuskatu 23 (Helsinki)</b> Preliminary design for a school building Customer: Helsingin kaupunki	Structural Engineer Grade: Difficult
2013	<b>As Oy Onnelanpolku (Lahti)</b> Post-tensioned structures for a yard deck (1500 m <sup>2</sup> ) Customer: YIT Rakennus Oy	Structural Engineer Grade: Difficult
2013	<b>Finnish Embassy (Brasilia)</b> Renovation and extension of the embassy building	Structural Engineer Grade: Conventional
2013–2014	<b>Orion Warehouse (Espoo)</b> Structural design Customer: Orion Oy	Structural Engineer Grade: Difficult
2013	<b>Ruusuparkki (Espoo)</b> Condition survey of a parking building Customer: Arenna Oy	Structural Engineer Grade: Conventional
2013–2014	<b>Telecity Palvelinkeskus (Vantaa)</b> Structural design Customer: Telecity	Structural Engineer Grade: Difficult
2012–2013	<b>Mineral Wool Factory, Oblast (Venäjä)</b> Structural design (29 000 m <sup>2</sup> ) Customer: Paroc Oy	Structural Engineer Grade: Exceptionally difficult
2012	<b>As Oy Joensuun Rantakivi (Joensuu)</b> Post-tensioned structures Customer: YIT Infra Oy	Structural Engineer Grade: Difficult
2012	<b>As Oy Lahden Viikarinkulma (Lahti)</b> Post-tensioned structures Customer: YIT Infra Oy	Structural Engineer Grade: Difficult
2012–2013	<b>As Oy Ratakuja Pysäköintihalli (Vantaa)</b> Post-tensioned structures for a yard deck Customer: YIT Infra Oy	Structural Engineer Grade: Exceptionally difficult
2010–2012	<b>Nokian Tyres (Vsevolozhsk, Venäjä)</b> Factory extension (25 000 m <sup>2</sup> ) 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	<b>Holiday Club Saimaa (Joutseno)</b> Concrete element design	Structural Engineer Grade: Exceptionally difficult