



OWEN LI
STRUCTURAL ENGINEER
CURRICULUM VITAE

OWEN LI CV



PROFILE

Owen is a structural engineer with over 4 years' experience working in New Zealand. He studied at Auckland University and completed his Bachelor of Engineering, with a special focus on structures.

Owen is highly motivated to use his professional skills and knowledge of design to deliver his work and always endeavors to demonstrate his productivity and responsibility.

QUALIFICATIONS

BE (Hons) – Bachelor of Civil and Environmental Engineering, University of Auckland, 2019

Emerging Professional Member of Engineering New Zealand

CAREER HISTORY

October 2023 – Present, Structural Engineer
– Structus Consulting Limited, New Zealand

October 2022 – October 2023, Structural Engineer – Kirk Roberts Consulting Limited, New Zealand

October 2020 – October 2022, Structural Engineer, General Structures Limited, New Zealand

January 2019 – October 2022, Graduate Structural Engineer, AJS International Engineering Consulting Limited, New Zealand

TECHNICAL SKILLS

- Experience in construction monitoring of seismic restraint and residential works
- Experience in structural design of light timber frame buildings
- Knowledge of structural analysis using Microstran, ETABS
- Experienced in use of Mathcad, Autocad and Revit.

PROJECT EXPERIENCE

RESIDENTIAL PROJECTS

484 Great South Road, Auckland, 2022

Architectural feature residential house. Predominantly steel portal frame and GIB or plywood shear wall structures with rib-raft floor slabs and Traydec for the garages. Site works involved pipe bridging structures plus swimming pool designs. Structural engineering design and construction monitoring.

826 Coastesville Riverhead Highway, Auckland, 2022

Two storeys lifestyle buildings with timber and steel framings, rib-raft floor slabs and timber pole retaining walls. Structure design includes GIB bracing and portal frames. Structural engineering design and construction monitoring.

1278A & 1278B High Street, Lower Hutt, 2022

16 no. two storey residential buildings development in Taita for Williams Corporation. Predominantly timber and GIB braced timber frame structures, with rib-raft floor slabs. Structural engineering design and construction monitoring.

41 Collingwood Street, Lower Hutt, 2021

8 no. units of 3 storey residential buildings in Waterloo in Waterloo for Williams Corporation. Structural design includes gravity and lateral design. Timber framing, GIB bracing system and steel portal frames used on this project. Foundation design as a fully suspended rib raft foundation system.

Project Velocity – Housing Deliver System, Auckland, 2023

Member of Housing Deliver System (Kāinga Ora) to deliver residential projects all over the New Zealand. Working in the team with other team members including Beca, Tonkin + Taylor and Civix.

COMMERCIAL PROJECTS

286 Apirana Avenue, Auckland, 2022

Extension to existing Glen Innes shop building and seismic strengthening including portal frame and cross bracing, plus new block wall and supporting foundations. Structural modelling of the strengthening system using Microstran.

107 Harris Road, Auckland, 2022

Alternative for an existing East Tamaki building to construct a suspended mezzanine with portal frame, shear wall and timber floors. Structural works including lateral bracing design portal frames and plywood shear walls. Seismic gap and foundation design.

