



MOSEN FEKRI
STRUCTURAL ENGINEER
CURRICULUM VITAE

MOSEN FEKRI CV



PROFILE

Mosen is a structural engineer with over 5 years experience in the consulting and contracting environment, which has allowed him to be involved in many projects across the commercial, industrial and residential sectors.

He has experience in structural steel, reinforced concrete and composite design as well as a holistic understanding of all stages of a project ranging from conceptual through construction.

He has a passion for new engineering technologies and analysis methods, which allow for economic designs, and takes pride in providing efficient and innovative solutions while considering code compliance and buildability.

QUALIFICATIONS

MEngSt – Master of Structural Engineering, Azad University 2013

BE – Bachelor of Engineering, Azad University, 2010

Member of Engineering New Zealand (CMEngNZ)

CAREER HISTORY

2019 – Present, Structural Engineer – Structus Consulting Limited

2017– 2019, Structural Engineer – DHC Consulting, New Zealand

2012 – 2017, Structural Engineer – Sazane Gostar Arman, Iran

TECHNICAL SKILLS

- Ability to apply engineering knowledge to solve complex problems and provide practical solutions
- Detailed knowledge of reinforced concrete, precast concrete, and steel design.
- Detailed knowledge of many design and analysis computer softwares, and local and international standards
- Seismic analysis and design of many building forms using various types of materials
- Ability to understand clients' key needs and their drivers and apply specialist knowledge to add value to their projects

PROJECT EXPERIENCE

HEALTHCARE AND AGED CARE PROJECTS

Aria Bay Apartment Auckland, 2019-present

New retirement village development in Browns Bay, Auckland. 2 no. 5 storey apartments blocks and 4 storey day clinic block form the development within an existing operational retirement village campus. Structural engineering design and construction monitoring from concept through construction. Mosen is trusted with various design packages such as structural analysis of the building, lateral load resisting system design, column, beam, connection and diaphragm design.

RETAIL PROJECTS

309 Broadway Westfield, Auckland, 2017

This development is a large retail complex in Newmarket, Auckland where Mosen was trusted with the developed design of the carpark structure, shear wall and diaphragm design of retail area.

277 Broadway Westfield, Auckland, 2017

5 storey retail complex where Mosen was trusted with modelling the foundation and design of the 3D model diaphragm. This included liaising with the client, architect and other consultants, peer reviewers and drafters.

CIVIC PROJECTS

Jordan Bridge, Tehran, 2016

U-turn bridge with 3 concrete piers and two steel box girders project, where Mosen was trusted as one of the technical advisors,

managing, monitoring, checking and interpreting the contract design documents supplied by the designers liaising with other consultants and contractors.

Shahrbano Cultural and Sport Complex, Tehran, 2015

This project consisted of two buildings, three and two stories where Mosen was trusted with various design packages such structural analysis, lateral system design and on-site construction monitoring.

Traffic Building, Tehran, 2012

6 storey traffic building where Mosen was trusted with modelling the structure and design of the lateral load resisting system, doing site inspection and liaising with the client, architect and other contractors.

