



QUOC DAT HOANG

BENG HONS (CIVIL), MENG (STRUCT), MIE AUST

Structural /Civil Engineer

OVERVIEW

Dat is a structural engineer by qualification with a strong academic record who has been working in the field of structural designing engineer. Dat brings an innovative mindset to engineer by implementing digital engineering approach to provide different perspective and insightful information.

These proficiencies are complemented with experience in construction phase support and balancing practical site experience with strong engineering fundamentals to deliver appropriate and efficient design and construction support.

QUALIFICATIONS & MEMBERSHIPS

- ✓ Eng (Member of the institute of Engineers)
- ✓ BEng (Hons) Civil Engineering (University of Transport and Communications, Vietnam). Won Soil Mechanic Bronze medal in National Olympic Mechanic.
- ✓ MEng Structural Engineering (The Swinburne University of Technology) - Distinction

PROFESSIONAL EXPERIENCE

September 2022 – Present

Structural Engineer | Client: Residential Client

Key roles:

- ✓ Structural Engineer for multi-unit sites, assisted in the design and structural analysis of various projects, including residential, industrial and drainage system.
- ✓ Technically performed structural calculations and simulations, optimising designs.
- ✓ Roof and surface drainage systems conducted with site detention requirements.
- ✓ Civil and structural alternative solutions reports to comply with Australian Codes.

March 2023 – Present

Structural Engineer | Client: Incitec Pivot

Key roles:

- ✓ Structural Engineer platform steel framing and footing design, certification based on wind load and vibration loads of the blend.
- ✓ Portal frame design under wind pressure conducted of proposed industrial structures and proposed renovation.

September 2022 – Present

Structural Engineer | Client: Multi Clients

- ✓ Residential extensions ranging from a few walls removed to major or extension with upper storey addition.

September 2022 – Present

Structural Engineer | Client: Multi Clients

- ✓ Carried out portal frame structure design including loading, stability and connections in order to deliver the quality job based on engineering judgement as well as comply with Australian Standard.

Oct 2021 – Sept 2022

Project Engineer | Client: Southeast Water, Western Water

- ✓ Project engineer led and managed sewer maintenance projects, overseeing all aspects from planning and quality control.
- ✓ Developed schedules, budgets and monitoring progress and adjusting as necessary.
- ✓ Prepared detailed reports and presentations for clients, stakeholders.