

---

# KAI NGUYEN

**Address:** 55 Metherall Street, Sunshine North, VIC 3020 • **Mobile:** 0430211856  
**Email:** [kainguyen.engineer@gmail.com](mailto:kainguyen.engineer@gmail.com) **LinkedIn:** [linkedin.com/in/kainguyenengineer](https://www.linkedin.com/in/kainguyenengineer)

---

## PROFESSIONAL SUMMARY

### Qualified Civil Engineer | Aspiring Quantity Surveyor | Future Construction Manager

Motivated construction management candidate with 3 years of professional civil engineering experience in Vietnam and current postgraduate study in Master of Construction Management at Deakin University. Strong foundations in cost planning, quantity measurement (AIQS methodology, ANZMM 2022, Rawlinsons), and project delivery across structural, façade, and sustainability-focused projects. Skilled in BIM and digital engineering tools (AutoCAD, Revit, Dynamo, Navisworks, CostX) to improve workflow efficiency and compliance with Australian standards and NCC requirements. Committed to a focus on sustainable building practices, carbon reduction, and effective project management in the Australian construction industry. Understanding local working experience through an internship with Moyne Shire Council. Currently, I am a student member of the RICS organization.

---

## PROFESSIONAL SKILLS

- Time Management
- Strategic Planning
- Detail-orientation
- Problem-solving
- Working Coordination
- Partnership Development
- Operational Management
- Organisational Development
- Project Leadership

---

## CAREER SUMMARY

[Team Leader, Moyne Shire Council]	07/2025 – 09/2025
[Shuck Master, Muli Express]	11/2024 – Current
[Site Engineer and Team Leader, BM Windows Joint Stock Company]	08/2022 – 12/2023
[Structural Design Engineer, Vina Takeuchi Co., Ltd.]	01/2021 – 07/2022

---

## EXPERIENCE

**DeakinTALENT Freelancing HUB**, Moyne Shire Council Bin Sensor Project 07/2025 – 09/2025  
**Team Leader**

- Led a multi-disciplinary student team to assess the feasibility and cost-effectiveness of implementing smart bin sensors across Moyne Shire Council's public areas, collaborating directly with Council and vendors, reaching 40% efficiency improvements.
- Contributed to the development of a detailed Business Case Report and Final Presentation to support the implementation of a pilot program, laying the groundwork for a long-term, large-scale smart bin sensor deployment across the municipality.
- Oversaw project planning, task delegation, and delivery of stakeholder-facing outputs, while strengthening collaboration through in-person team meetings in Burwood and Waurn Ponds, and maintaining clear communication during stakeholder discussions.

**Muli Express**, 163 Little Bourke St, Melbourne VIC 3000 11/2024 – Current  
**Shuck Master**

- Capable of working 10-hour shifts, handling 40kg of goods, and supporting ~\$3,000 daily revenue through effective communication, upselling, and cross-selling—while balancing 24 hours/week of work with Master's studies (no late submissions).
- Working flexibly across two business branches, fostering teamwork and alignment with company goals. Consistently served up to six customers at once while maintaining high service quality in fast-paced environments.
- After six months of consistent performance, transitioned from an informal agreement to an official casual contract, reflecting the employer's trust and recognition. The first member was signed with an official contract.

**BM Windows Joint Stock Company**, Ho Chi Minh City, Vietnam

08/2022 – 12/2023

**Planning Team Leader at the Global City project**

05/2023 – 12/2023

- Managed method statements and coordinated with stakeholders for aluminium and glazing works across 915 units, with a total value of over AUD 36 million.
- Led a team of five in detailed quantity takeoff and material procurement for the full façade package, covering major and minor items such as structural steel, cladding panels, glass balustrades, insulation, fasteners, sealants, gaskets, and specialized accessories. Ensured accurate forecasting, technical compliance, and timely coordination with manufacturers, in-house fabrication plants, and suppliers to prevent delays and shortages during key construction phases.
- Developed advanced Excel tools using VLOOKUP, INDEX-MATCH, conditional formatting, and VBA macros to manage material orders and track delivery, installation, and pending quantities across 915 units. Improved inventory tracking efficiency by over 40% compared to manual methods.

**Site Engineer at the Crest Residence project**

08/2022 – 04/2023

- Managed method statements and shop drawings and coordinated with stakeholders for façade works of a 5-storey podium and internal glazing works (balustrades, sliding/awning doors, windows, partitions) of a 23-storey tower. The package value exceeded AUD 440,000.
- Coordinated with fabrication plants and subcontractors for weekly late-night deliveries, ensuring legal compliance, no traffic disruption, and timely material readiness for upcoming façade works.
- Collaborated with colleagues in defect rectification, cleaning, and final touch-up works prior to project handover, supporting the shared goals of the project and site management.

**Vina Takeuchi Co., Ltd**, Ho Chi Minh City, Vietnam

01/2021 – 07/2022

**Structural Design Engineer**

- Designed and calculated warehouse foundation systems based on technical documents from Japan, maintaining a high-paced workflow of two projects per week with a three-day turnaround per project.
- Developed designs using AutoCAD, JWW, and Revit; performed preliminary calculations with BF1, SS3, and SS7, and completed detailed structural analysis and documentation using advanced Excel with VBA. Pioneered the use of Revit for live projects and provided guidance to colleagues on transitioning from 2D drafting to 3D modeling.

## EDUCATION

---

**Deakin University**

07/2024 – 07/2026 (Expected)

**Master of Construction Management (Professional)**

- Currently achieving a Distinction average (T2/2024 – T2/2025).
- Practical skills in both elemental and trade-based cost estimating techniques, including:
  - Applied AIQS Elemental Cost Analysis and prepared Bills of Quantities (BoQ) with material take-off and build-up rate analysis.
  - Used CostX software for trade-based estimation and interpreting ANZMM 2022 and Rawlinsons Handbook for unit rate evaluation.
- Developed strong knowledge of BIM implementation and ISO 19650 standards for data collaboration and project coordination.
- Experienced in Victorian planning and building permit processes, including zoning, overlays, and permit pathways. Proficient in tools such as VBA, VicPlan, Planning Scheme, Landata, and local Council guidelines to assess planning requirements and statutory compliance. Understood the NCC and ABCB 2022 and their application in fire safety, structural compliance, accessibility, and energy efficiency.
- Explored procurement methods, tendering strategies, and sustainable development in alignment with Australia's Net-Zero by 2045 goals.
- Currently conducting a thesis on AI-BIM integration for Façade systems, targeting improvements in cost estimation.

**Ho Chi Minh University of Technology**

09/2016 – 10/2021

**Bachelor of Civil Engineering**

- Graduated with a Good classification. Proficient in structural design software, including Plaxis, Etabs, Sab2000, and Safe, with the ability to transfer and coordinate data across platforms for optimized analysis and design outcomes.
- Thesis focused on structural design and analysis of a 16-storey residential building with two basements, using the bottom-up method for foundations, columns, beams, and slabs.

## COURSES AND CERTIFICATES

---

- |  |         |
|--|---------|
| • <b>Australian White Card</b> , WorkSafe Victoria                     | 09/2024 |
| • <b>Working with Children Check (Volunteer)</b> , number: 3335086A-01 | 01/2025 |
| • <b>Full Driver's Licence</b> , VicRoads                              | 06/2025 |

## PROFESSIONAL MEMBERSHIP

---

<b>Vietnamese Australian Students Association</b> , Member	03/2024 – Current
<b>Royal Institution of Chartered Surveyors</b> , Student Member with number: 1002541	10/2025 – Current

## ADDITIONAL INFORMATION

---

- **Technical Skills:** CostX, AutoCAD 2D & 3D, Revit, Dynamo, Navisworks in construction, advanced Excel with VBA, advanced Microsoft Office Suite such as Word, PowerPoint, MS Project, and sustainability assessment in Sketchup & Sefaira.
- **Transportation:** A personal vehicle is available.
- **Relocation:** Currently located in Melbourne; fully willing to relocate for the right opportunity.
- **Availability:** Fully available to work full-time from November 2025 to March 2026 due to academic break (no subject enrolment during this period). Then, work part-time from March 2026 to June 2026 before graduation
- **Full Working Rights:** Currently on a Subclass 500 visa and eligible for up to 2 years of Post-Study Work (Subclass 485).
- **Languages:** English (fluent), Vietnamese (native), and Japanese (basic).
- **Lifestyle:** Active player for the 90 Gordon Street Soccer Club, Footscray, VIC 3011. Enjoys travel, gym, swimming, and pop music. Advocates for a stimulant-free, health-conscious lifestyle with a clear mindset.
- **Interests&Community Engagement:** Founder of *Aussie Planning and Building Permit Insights*, providing free legislative guidance and simplifying Victorian planning and building permit processes for the community through public case studies and educational content.  
Link: <https://www.facebook.com/share/1EvGJhRZCC/?mibextid=wwXlfr>

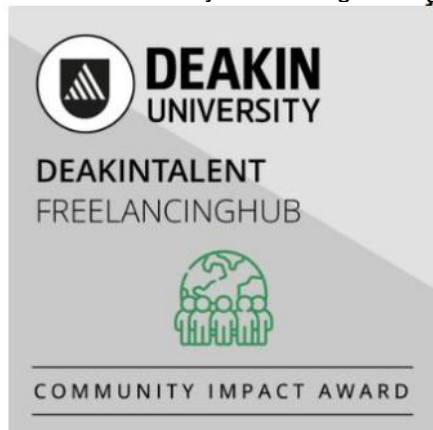
## REFEREES

---

**DeakinTALENT Freelancing HUB**, Moyne Shire Council Bin Sensor Project

Mr. Chris Wootton – Project Manager | 0422 654 424 | [c.wootton@deakin.edu.au](mailto:c.wootton@deakin.edu.au)

Mr. Nicholas Benyon – Acting Manager & Operations | 0474 841 153 | [nicholas.benyon@moyne.vic.gov.au](mailto:nicholas.benyon@moyne.vic.gov.au)



**Muli Express**, 163 Little Bourke St, Melbourne VIC 3000

Mr. David Tran – General Director | 0402 168 266 | [admin@muli.au](mailto:admin@muli.au) | [davidttran60@gmail.com](mailto:davidttran60@gmail.com)