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# CURRICULUM VITAE

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ARTSTRUC

JANUARY 17, 2025  
PERSONAL BRAND



## CURRICULUM VITAE

**Quynh Nhu NGUYEN THUY**

Position **Structural Engineer**

Current Location **Ho Chi Minh City, Vietnam**

Nationality **Vietnamese**

Date of birth **31 May 1996**

Marital status **Single**

Email **nhu.nguyen@pontech.vn**

### EDUCATION

Civil Engineer degree – Option: Civil and industrial building - University of Ton Duc Thang – Ho Chi Minh City Campus, 2014-2019.

### SOFTWARE

- Structural Analysis: CSI software, Autodesk Software, Abaqus/Ansys, GEO5, Plaxis 2D, IDEA StatiCa, Hilti, Dlubal RFEM, Staad Pro, Graitec Arche – Advance Design, Oasys, RAM Connection
- Detailing Software: AUTOCAD, Revit Structures, SketchUp
- Others: API Revit/Robot, SAP2000 ,ETABS,SAFE

### KEY QUALIFICATIONS

- The ability to work in a variety of material structures.
- Structural design: detail design and other civil structures.
- Working experience in drawing using 2D and 3D modelling.
- Learning and adapting to all high-intensity knowledge.

### CERTIFICATIONS

- Autodesk Certified Professional: Revit for Structural Design Exam Prep
- Autodesk Revit & Robot Structural Analysis + Sheets + BOQ
- Advanced Diploma in Design of Steel Structures
- BIM Fundamentals for Engineers
- Engineering Mechanics
- Etabs & Safe: Advanced Course For RCC and Steel Structures
- Finite Element Analysis Convergence and Mesh Independence
- Foundation of Structural Dynamics
- Retaining Walls Analysis & Design
- Staad Pro Professional Course
- The Comprehensive Etabs Professional Course (RCC and Steel)
- Wood Science
- Data Structures and algorithm
- Database Systems
- Computer Science

### LANGUAGES

	READ	SPOKEN	WRITTEN
English	Excellent	Excellent	Excellent
Vietnamese	Native language	Native language	Native language
French	Basic	Not Yet	Not Yet



### PROFESSIONAL EXPERIENCE

(10/2022 - present)

#### **Pontech JSC – Ho Chi Minh City, Viet Nam**

**Team Leader**  
**Senior Design Engineer**  
**Academy Research**

##### **Main responsibilities:**

The tasks corresponding to the role of **Structural Design Engineer and Team leader** are as follows:

- Charge of structure calculation.
- Receive new project information from the technical CEO, review the details.
- Check technical analysis modelling (Robot, OMD, Etabs, Revit).
- Learning others to adapt practical projects.

##### **BEMACO Project** (Pre-cast concrete structure)

- Main responsibilities: Deploying Pre-cast structure
- Preparation drawings: Column, Beam, Panel

##### **NEOM Project** (Concrete structure)

- Main responsibilities: HT02 station structure calculation and design report
- Check and verify structure capacity
- Calculate rebar ratio

##### **LA MAISON LVMH Project** (Steel structure)

- Main responsibilities: model check, structure calculation and design report
- Check and verify structure capacity

##### **ONE MORCEAU Project** (Steel structure)

- Main responsibilities: model check, structure calculation and design report
- Check and verify structure capacity

##### **GRIGNY Project** (Concrete – Steel - Wood structure)

- Main responsibilities: model check, structure calculation and design report
- Check and verify structure capacity

##### **TETEGHEM Project** (Concrete – Steel - Wood structure)

- Main responsibilities: model check, structure calculation and design report
- Check and verify structure capacity

##### **ESCP Project** (Concrete – Steel - Wood structure)

- Main responsibilities: Model check (load take down)
- Check and support frequency solid model

##### **CHARENTON Project** (Concrete structure)

- Main responsibilities: Model check (load take down)
- Check and support reaction

##### **BESSANCOURT Project** (Concrete structure)

- Main responsibilities: Model check (local meshing)
- Modelling support

##### **VLGREEN SICRA Project** (Concrete structure)

- Main responsibilities: Model check
- Calculate, sketch rebar and check detail drawings



(08/2020 - 08/2022) **Lotus Asean Ltd.Co**  
Junior Structural Engineer

**Main responsibilities:**

BIM structures coordination & Structures – Design reports

**THANH LONG BAY PROJECT VERIFICATION (30 FLOORS – 7 BLOCKS): CONCRETE STRUCTURE**

- Overlaying provided arch & structure dwg (coordination) .
- Find out match or not match between arch & structure
- Preparation for design report.
- Modelling the building independently and check technical modelling (analytical links & nodes => export Etabs)
- Calculation to verify structure
- Modelling according to technical manager to show structure solution towards clients

**MORPHEUS HOTEL: STEEL STRUCTURE**

- Overlaying provided arch & structure dwg (coordination)
- Modelling detail design (steel structure and connections)

**KGV SCHOOL: CONCRETE STRUCTURE**

- Only drafting and preparation for detail drawings from client's comments

**LONDONER: STEEL STRUCTURE**

- Only drafting and preparation for detail drawings from client's comments

**DAMEN WORKSHOP: STEEL STRUCTURE**

- Modelling the building independently and check technical modelling (analytical links & nodes => export Robot)
- Calculation to verify structure

**ORGANIC WATSE TREATMENT TANK: STEEL STRUCTURE**

- Modelling the building (lattice towers structure)
- Structure calculation to verify
- Make design reports

**ADMIN BLOCK: STEEL-CONCRETE STRUCTURE**

- Modelling the building
- Structure calculation to verify
- Make design reports

(03/2019 - 01/2021) **Daeil Aqua Ltd.Co**  
Cad Draftman

**Main responsibilities:**

Receiving cooling tower general arrangement drawings and deploying detail drawings

- Preparation for detail design drawings of **FRP** structure
- Preparation for detail design drawings of **Concrete** structure
- Preparation for detail design drawings of **Steel** structure
- Preparation for detail design drawings of **Wood** structure