

CHAN NYEIN AUNG

Auckland, NZ | channyeinaung.ep@gmail.com | 02102393697 | LinkedIn:
<https://www.linkedin.com/in/chan-nyein-aung-56047884/>

PROFESSIONAL SUMMARY

BIM Coordinator with over 11 years of experience in digital construction, specializing in **4D scheduling, clash detection, modular MEP systems, and reality capture**. Proven ability to integrate emerging technologies such as **Synchro 4D, Dynamo automation, and virtual reality** into BIM workflows to enhance project efficiency. Passionate about driving innovation in construction planning and project controls.

KEY SKILLS

BIM & 3D Modeling: Revit, AutoCAD, Navisworks, Twinmotion, Lumion

4D Scheduling & Planning: Synchro 4D, Naviswork, Revizto

Clash Detection & Coordination: Navisworks, BIM 360, Dynamo

Reality Capture & Visualization: Laser Scanning, Point Cloud Processing, Virtual Reality

Data & Automation: Power BI, Python (Dynamo Scripting), REVIT API

WORK EXPERIENCE

BIM Coordinator | Ventia NZ Operations Limited

April 2023 – Present | Auckland, NZ

- **BIM coordination and clash detection**, optimizing workflows and reducing rework.
- Conducted **3D laser scanning** for as-built models, enhancing accuracy in project execution.
- Developed **BIM object libraries and automation scripts** to streamline modeling processes.
- Generated **installation drawings and technical issues** to improve project planning.

Project BIM Lead | Exyte Singapore Pte Ltd

Oct 2021 – Mar 2023 | Singapore

- Managed **BIM 360 platform** for seamless collaboration with subcontractors and project teams.
- Led the implementation of **virtual reality experiences** for design validation.
- Performed **clash detection, space management, and 4D construction simulations**.

BIM Coordinator | China Construction (South Pacific) Development Co Pte Ltd

Aug 2019 – Oct 2021 | Singapore

- Designed **MEP prefabrication modules**, improving efficiency in installation processes.
- Developed **BIM project setup in cloud-based BIM 360**, facilitating real-time collaboration.
- Created **construction animations** for installation sequencing and project visualization.

BIM Coordinator | Teambuild Engineering & Construction Pte Ltd

November 2018 – August 2019

- Prepare shop drawing submission schedules and clash reports.
- Coordinate BIM models and create virtual reality experiences for meetings.
- Attend weekly technical coordination meetings.

BIM Modeler | Skylight Electrical Engineering Pte Ltd

May 2018 – October 2018

- Prepare detailed shop drawings and installation details.
- Coordinate models and attend technical meetings.

Project Engineer | Lian Tat (Jack) Engineering Pte Ltd

Jan 2014 – April 2018

- Prepare As-Built drawings and material quantity take-offs.
- Prepare Progress Claim as per site installation progress.
- Prepare shop drawing Plumbing, Sanitary & Gas
- Coordinate technical meetings and finalize project phases.

EDUCATION & CERTIFICATIONS

- **Masters in Global BIM Management** – Zigurat Global Institute of Technology, Spain
- **Specialist Diploma in MEP Modularization** – BCA Academy, Singapore
- **Bachelor of Electrical Engineering** – Mandalay Technological University, Myanmar
- **BIM for MEP Coordination & Modeling** – BCA Academy, Singapore
- **Synchro 4D & Navisworks BIM Management Certification**

PROJECT HIGHLIGHTS

- **KARANGAHAPE STATION – CITY RAIL LINK – New Zealand**
- **NOVARTIS PHARMACEUTICAL MANUFACTURING - Singapore**
(PROPOSED ADDITIONS & ALTERATIONS TO THE EXISTING SINGLE-USER LIGHT INDUSTRIAL DEVELOPMENT INVOLVING ERECTION OF A 9-STOREY)
- **Bulim Square (above 570millions) - Singapore**
(PROPOSED ERECTION OF 2 BLOCKS OF 6-STOREY & 2 BLOCKS OF 5-STOREY MULTI-USER (B2) INDUSTRIAL DEVELOPMENT ON PLOTS 7,8,9,10 WITH COMMERCIAL SE ON LEVEL 2, ELEVATED MOBILITY DECK ABOVE BULIM DRIVE & HUB PARKING ON BASEMENT 1 & UNDERGROUND ROAD NETWORK ON BASEMENT 2 & DATA CENTER ON BASEMENT 2.)
- **YISHUNN3C26 (HDB) (above 160millions) - Singapore**
(PROPOSED PUBLIC HOUSING DEVELOPMENT COMPRISING 12 BLOCKS OF 15-STOREY RESIDENTIAL BUILDINGS (TOTAL 1693 UNITS) WITH MULTI-STOREY CARPARK CUM ELECTRICAL SUBSTATION, 2 BLOCK OF PERCINCT PAVILLIONS & SOCIAL COMMUNAL FACILITIES)
- **SENJA NURSING HOME (above 170millions) - Singapore**
(PROPOSED NEW ERECTION OF 12-STOREY INTEGRATED POLYCLINIC, NURSING HOME AND SENIOR CARE CENTER DEVELOPMENT)
- **WOODLEIGH RESIDENCE (above 170millions) - Singapore**
(PROPOSED CONDOMINIUM HOUSING DEVELOPMENT COMPRISING 6 BLOCKS OF 15-STOREY APARTMENTS WITH LANDSCAPE DES, BASEMENT CAR PARK, AND COMMUNAL FACILITIES)
- **LLORD ROAD 65 (above 170millions) - Singapore**
(PROPOSED ERECTION OF A BLOCK OF 10-STOREY WITH AN-ATTIC RESIDENTIAL FLATS DEVELOPMENT WITH A BASEMENT CAR PARKS, SWIMMING POOL & COMMUNAL FACILITIES)

ADDITIONAL INFORMATION

- Passionate about **AI & machine learning in BIM** for predictive analytics and automation.
- Exploring **Dynamo Python scripting** to enhance MEP routing and clash detection.
- Keen interest in **emerging digital construction technologies** to drive industry innovation.