

Revit Specialist | Computational Designer | Data Analyst
R&D Analyst | BIM Manager | Digital Engineering Manager
Artificial Intelligence Advocate

emerald_silver@hotmail.com
au.linkedin.com/in/ThumpingRevit
ipsumlorem.com.au | Digital Folio
+61 411 396 470

Dear Nic and Aqualand,

I am writing to express my interest in contributing to Aqualand Australia's future projects as a BIM/Digital Engineering Manager with over 10 years of experience enhancing construction project efficiency and quality through digital innovation.

Personal Connection to Aqualand

My experience with Aqualand's REVY development at Pyrmont Harbour was truly transformative. Working on this iconic waterfront project allowed me to witness firsthand Aqualand's unwavering commitment to customer satisfaction and quality enhancement. This experience inspired me to develop innovative approaches to parametric family modeling and clash detection systems in my subsequent projects. What I genuinely learned from the REVY project was the importance of balancing technical excellence with creating spaces that truly resonate with end-users – a philosophy that clearly distinguishes Aqualand in the development landscape.

Alignment with Aqualand's Vision

Aquriland's dedication to exceptional quality and sustainable development aligns perfectly with my expertise. Your innovative approach to integrating digital technologies into development processes provides the ideal environment for me to leverage my extensive experience in BIM and digital engineering. Your recent focus on waterfront developments and urban regeneration projects resonates with my passion for creating spaces that enhance community living while incorporating cutting-edge technology to ensure precision and efficiency throughout the development lifecycle.

What I Bring to Agualand

Having developed and implemented company-wide BIM Execution Plans adhering to ISO19650, NATSPEC, LOD, and LOI standards, I am confident in my ability to ensure that Aqualand's projects progress smoothly from design to construction. My current pursuit of LEED AP BD+C and buildingSMART certifications further aligns with your sustainable development goals.

My experience in successfully leading teams through the transition to BIM across diverse sectors would be particularly valuable to a leading developer like Aqualand. My ability to handle unexpected situations and manage additional requirements efficiently is essential for the success of complex projects.

Differentiated Experience

What sets me apart is my dual perspective as both a consultant and client-side BIM/Digital Engineering Lead. This unique viewpoint enables me to:

- Anticipate challenges before they impact project timelines
- Facilitate effective communication between all stakeholders
- Develop automated workflows that adapt to changing project needs
- Balance technical requirements with practical construction considerations
- Streamline and optimise software interoperability between stakeholders/departments, creating efficient and error-minimised data flows that significantly enhance project efficiency, resulting in reduced schedules and tangible relief of resource constraints

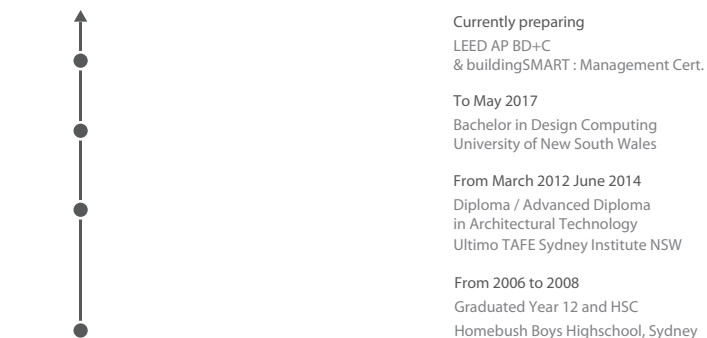
My experience across residential, mixed-use, and waterfront developments has equipped me with specialised knowledge directly applicable to Aqualand's portfolio, particularly in managing the intricate technical requirements of premium waterfront properties.

I am excited about the possibility of joining Aqualand Australia's team, sharing my expertise and passion, and contributing to the success of your innovative projects.

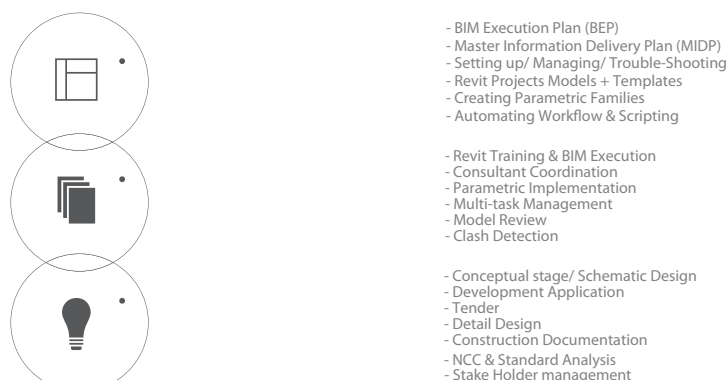
I look forward to discussing how my experience and skills align with Aqualand Australia's objectives in an interview.

Thank you for your consideration.

EDUCATION



SPECIALITIES



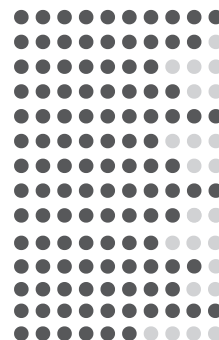
PROJECTS

-Vance (Harold Park Precinct 5 by Mirvac) -Epping (Cambridge Street by Poly Real Estate Group) -REVV (Royal Edward Victualling Yard at Pyrmont Harbour by Acualand) -Uniting Care Ageing (Bowden Brae redevelopment, Normanhurst – at Stage 1 DA) -One Central Park, Sydney (Tender & CC) -Dooleys Lidcombe Catholic Club Development (Initial Concept Stage + DA) -West Village (Church Street Parramatta by Ecoworld - D&C) -180 George (George Street Parramatta by Meriton - DA) -Brisbane Racing Club Tower C & D: Charton House (DA-CD) -Yarra's Edge Tower 9: Trielle (DA-TENDER) -Altona North Phase 9: The Fabric (DA)	RESIDENTIAL & Mixed Use
-Central Station Redevelopment + Metro (DD) -7th Street Domestic Airport Multi Storey Carpark with LendLease for SACL (D&C) -Northern Beaches 4 Communal Carparks (D&C) -Sydney Metro - Southern West Rail Upgrade (Tender Bid) -Parramatta Light Rail (Tender Bid) -Central Station Redevelopment + Metro Connection (Syd Metro, tfNSW - DD)	TRANSPORT
-Myambat Explosive Ordnance Depot Construction (30% CDR - 90% DDR) -Thales Bendigo Canopy / Facility Upgrade (50% SDR) -REDFIN Base Joint Infrastructure Upgrade (90% DDR) -SOER Holsworthy Barracks Construction (90% DDR) -RAAF Base Williamtown Construction (50% SDR - 90% DDR) -F-35 MRO&U Fighter Hangers Capability Upgrade (50% SDR - 90% DDR) -Garden Island Refurbishment works (50% SDR) -Join Health Command Garrison Health Facilities Upgrade (30% CDR - 50% SDR) -Royal Adelaide Hospital -Uniting Care Ageing (Bowden Brae redevelopment, Normanhurst – at Stage 1 DA) -St Basil's Homes (Residential aged care and independent living units - Tender)	DEFENCE & HEALTH
-Chesterhill High School Refurbishment (Tender) -Birrong Girls High School Refurbishment (Tender) -Liverpool Girls / Boys High School Refurbishment(Tender) -T1 International Airport Pier C Departures Bathrooms (CD) -T1 Bathrooms at Gates 51 & 54 (CD) -MLC Shopping Centre Refurbishment (Dexus - CONSTRUCTION)	EDUCATION & INTERIOR
-Melbourne Western Distributor Infrastructure -M4 SMART MOTORWAY -Perth International Airport Terminal	INFRASTRUCTURE

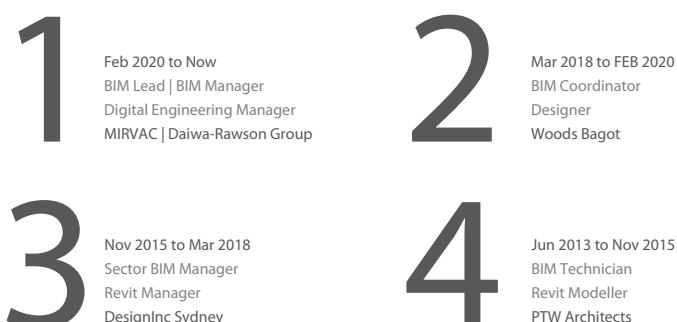
SKILLS

01 Design Platform Experience

Revit | Civil 3D | BIM360 | Autodesk Construction Cloud
AutoCad
Rhinoceros | ArchiCAD | Blender | Sketchup
Oculus (Meta) VR | HoloLens
Enscape | Lumion | TwinMotion | Unity | Unreal
C# | Python + Revit API + ACC API | Dynamo
Adobe Suites
Naviswork, BIMTrack, Revitzzo, Primavera
openBIM | COBie
QGIS | SQL | HTML | Java | CSS
ISO19650 Part1 - Part 5
Point Cloud | ReCAP | OpenSpace | OnSiteXR
Aconex | ProjectWise | Plannery | 12D Synergy | Speckle | Solibri
Solibri, Aavali



WORK EXPERIENCE



LANGUAGE

