



DIMUTH VITHARANA

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DIMUTH VITHARANA

Senior Plumbing Engineer | BIM Specialist | Managing Director, TAS Engineering (Pvt) Ltd

• PROFESSIONAL PROFILE

- Highly accomplished **Senior Plumbing Engineer** and **BIM Specialist** with over **30 years of excellence**. As the Managing Director of TAS Engineering, I have led the design and installation of complex plumbing systems for high-profile diplomatic, residential, and commercial projects. My career includes early-stage collaboration with world-renowned architects like **Geoffrey Bawa**, moving into high-rise development and international embassy projects.

• KEY PROJECT PORTFOLIO

- **As Managing Director (TAS Engineering)**
- **Redewere 22-Story Shopping Complex** (2015) – Lead for plumbing design and high-rise coordination.
- **Kuwait Embassy & Iraq Embassy Projects** (2012–2013) – Specialized utility and security-conscious plumbing systems.
- **Edmonton Apartment** (2018) & **Spethodia Apartment** (2011) – High-density residential BIM modeling and installation.
- **Bliss Development Apartment** (2007) – Full mechanical and plumbing project management.
- **As Project Engineer (International & Luxury Hospitality)**
- **Taj Exotica Resort & Spa, Maldives** (1999–2001) – Luxury resort plumbing and wastewater systems in Embudu Finolhu.
- **Queen Elizabeth Jetty, Colombo** (1999) – Specialized maritime-related plumbing infrastructure.
- **Bentota Beach Hotel** (1997–1998) – Engineering and installation for iconic hospitality assets.
- **Blue Water Hotel** (1996–1997) – Worked under **Architect Geoffrey Bawa** to deliver high-end, aesthetic engineering solutions.

• PROFESSIONAL EXPERIENCE

• **TAS Engineering (Pvt) Ltd | Managing Director**

- 2007 – Present
- Lead the firm in delivering construction-ready BIM models and shop drawings using **Revit and AutoCAD**.
- Direct all phases of design and installation for hotels, commercial high-rises, and embassies.
- Ensure all projects meet international engineering standards, strict timelines, and budget constraints.
- **Lead Plumbing Engineer / Project Engineer**
- 1996 – 2007
- Executed site supervision and system design for luxury hotels and heavy infrastructure projects.
- Mastered the coordination of hot/cold water supply and stormwater management for complex environments.

CORE COMPETENCIES & TOOLS

- **Software:** Autodesk Revit (BIM Modeling), AutoCAD
- **Systems:** Hot & Cold Water Supply, Sewage & Wastewater, Stormwater Management
- **Expertise:** High-Rise Plumbing, Luxury Resort Infrastructure, Diplomatic/Embassy Standards

EDUCATION

Diploma in Engineering (Civil)

The Open University of Sri Lanka, Nawala | 1996