

Personal Resume



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Place & Date of Birth : Yogyakarta, 21 September 1959

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<https://sites.google.com/site/kembalikealkitab>
<https://sites.google.com/site/tabananbaliproject/>
<https://sites.google.com/site/factory4saleindonesia>
<http://dc-realty.blogspot.com>

Profession : 1. PE : Civil Engineering & Project Management
2. Lecturer, writer, translator.

Professional Degrees : 1. Ir. (Civil Engineering) : The University of North
Sumatera (USU) : 1985

2. MCom.(Information Systems) : The University
Of New South Wales (UNSW) Sydney - Australia:
1993

3. M.A. in Theology/Missiology: The Evangelical
Theological Seminary of Indonesia (ETSI/STII):
2007

Professional Memberships :

1. Singapore Computer Society (SCS) no. 703
2. Indonesian Society of Engineers and Technicians (HATI) No. 004 90 0012872
3. Indonesian Society of Civil and Structural Engineers (HAKI) No. 2006270

English Proficiency : TOEFL: 597 – IELTS: 7.

Softwares used :

1. Plaxis 2D (for Geotechnical Structures such as Quaywalls, Dams, etc)
2. SAP2000 (for general Structures)
3. MsProject & PRIMAVERA (for Project Management)
4. MsAccess (for Desktop Database)
5. Beton2000 (for Concrete Structures, based on Indonesian National Standard/SNI)
6. Ms Office softwares (Word, Excell, Power Point, etc)
7. Blogging software: Word Press
8. E-Book software: Adobe Acrobat Distiller, Soda PDF 3D
9. Translation Software: Babylon

Present Appointment :

1. **Christian Writer, Speaker, Seminary Lecturer, Translator**
2. **Project & Engineering Manager**, PT. Panji Asmoro Bangun (from 2007 up to present)
3. (Retired as) **Senior Project Manager, Contract Manager & Engineering Advisor** - PT. Hutama Karya (Persero) Kepri Branch. Still appointed as an independent Consultant on demand. (from 2010 up to present)

Job Experiences :

- **Christian Lecturer, Speaker & Writer** (2003-present): Some of the Ebooks can be found at <https://sites.google.com/site/kembalikealkitab/course-materials>
- **Project & Engineering Manager** PT. Panji Asmoro Bangun (from 2007 – present time)

Brief Description on the job:

- Assisting the Management & Project Managers in Planning, Engineering, Procurement and Construction of Civil/Structural Projects.

➤ **Independent Consultant** for PT. Hutama Karya (Persero), from 2010 – present time)

Brief Description on the job:

- Procuring projects and advising the Management on the Planning & Engineering of the project.

Projects procured including: (see below from year 2001 to 2010), and from 2010 onward including **facilitating the bid** for: **The Planning & Construction of a 170 Ha Reclamation for Dubai's Drydock Facilities in Kabil Batam** worth more than 1 Trillion Rupiahs (Project suspended due to Drydock's financial problem).

➤ **Senior Project Manager, Contract Manager for Foreign Owned Projects** - PT. Hutama Karya (Persero) Kepri Branch, Batam 2001-2010.

Brief Description on the job:

- Assisting the Project Managers in Planning, Engineering, Procurement and Construction of Foreign Investment projects.

Projects procured and managed including:

1. The Construction of **Sembawang Citranusa Logistic** (Semblog)'s Jetty Facilities in Kabil Batam (2002-2004). Project value: Sin\$ 16 m.
2. The construction of **Bredero's** Quay in Kabil Batam (2005). Project value: Sin\$ 1.4 m (incl upgrading)
3. The Construction of **Sembawang Marine Offshore Engineering** Quaywall in Kabil Batam (2002-2003). Project Value: Sin\$10 m.
4. **The Construction of Heavy Skidway Foundation & EPC Bulkhead PT. McDermott Indonesia** for Su Thu Vang Project (2006-present). Project Value: USD 9 m.
5. **The Construction of Heavy Skidway Foundation PT. McDermott Indonesia** for North Belut Project (2006-2007). Project Value: USD 4 m.
6. **The Construction of Citranusa's Port Facilities**, the 2nd Jetty Facilities (2008-2010). Project Value: USD 12 m.

Designs done during this period:

1. Counterpart, together with PT. Geocon Persada Jaya: for PT. McDermott's Marine Quay (diaphragm type) – 2008 (pending project)
2. Counterpart, together with PT. Bauer Indonesia: for PT. McDermott's Marine Quay (Secant piles type) – 2008 (pending project)

3. Counterpart, together with PT. Geocon Persada Jaya: for PT. Saipem Indonesia Quaywall (diaphragm type) – 2007/2008 (cancelled project)
4. Finite Element Analysis of Service Jetty (sheetpile type) for PT. Saipem Indonesia in Karimun Island - Oct. 2007 (cancelled project)
5. Counterpart with PT. Pratama Widya Finite Element Analysis of Quaywall Design (combi type) for PT. Saipem Indonesia in Karimun Island – (pending project)
6. Counterpart, together with PT. Atrya Bandung for Sembawang Citranusa Logistic (Jetty type)-2001/2002 (executed)
7. Counterpart, together with PT. Atrya Bandung for Sembawang Marine Offshore Engineering (Quay, soldier pile type)-2001/2002 (executed)
8. Counterpart, together with PT. Atrya Bandung for Bredero (Quay, soldier pile type)-2001/2002 (executed)

- **Project Manager** : for Building and General Facility Projects constructed by Batam Industrial Development Authority (BIDA) in Batam : 06th November 1995 to April 1999.

Brief description on the job :

1. To supervise the planning and the construction of Building and General Facilities Projects in Batam so as to conform to the Specifications (General & Technical) set in the contracts.
2. To control Project's cash flow and Project's timeline.
3. To examine and to approve the projects' progress report for payment to the contractors.

Some examples of the projects :

1. The Construction of **BIDA office in Batam Centre** (1986-1987) as Deputy Project Manager.
2. The construction of the **Major's Office Batam Centre** phase I to III : 1995 - 1999
3. The construction of **General Hospital Batam** phase I. : 1998
4. The construction of Public Park Batam Centre (Alun-alun) phase II.
5. The supervision of Architechtural, Structural, and M&E design of **General Hospital Batam and Visitor Centre Barelang.**
6. The Development of **Barelang Visitor Centre** Design with LemTek UI (1997).

- **Head of section** : Data Acquisition and Data Processing – BIDA : September 1995 to April 1999

Brief description on the job :

1. To plan the development of Information Technology to be used by BIDA in all levels and aspects (Strategic, Tactical, and Operational)
2. To plan and manage any IT projects so as to conform to BIDA" ITSP (Information Technology Strategic Planning) and demand changes
3. To manage the operation of IT Centre to support the mission of BIDA

Brief Description on the Work environment :

1. The IT centre has 1 Siemens RM-600 Mini Computer with 4.8 GB storage, 1 Siemens WS-2000 Mini Computer, 5 Silicon Graphics Workstations, 8 pcs, and other Pheriperals.
2. The main operation is on Technical matters using Siemens' SICAD GIS (Geographical Information Systems) with INFORMIX Online as the DBMS. The o/s is SINIX v.5.41 which conforms to the UNIX v.4.xx. The Internal Networking uses TCP/IP and Netware, while link to Jakarta office uses a dedicated VSAT line.
3. Finished IT projects include (done by an independent Consultant) : Information Technology Strategic Planning (ITSP), Executive Information Systems (EIS), Operational Information Systems (Personnel, Ledgers, etc) and GIS applications.

➤ **Head of section : Airport Planning BIDA : 1993 to September 1995.**

Brief Description on the job :

1. Together with consultants, plans for the development of Hang Nadim Airport Batam
2. Assists the Director of Planning BIDA on any planning issues for the development of Hang Nadim Airport Batam
3. Plans and sets requirements for the development of Hang Nadim Airport Batam

➤ **Deputy Project Manager BIDA for the Development of Hang Nadim Airport Phase II : 1989-1990**

Brief description on the job :

1. To assist the Project Manager in dealing with all technical matters of the project
2. To supervise the daily operation of the project to ensure that the contractor (Hyundai Engineering) as well as the Supervising Consultant (PT. Indulexco) understand the owner's requirements and conform to them accordingly.

Brief description on the project :

1. Main contractor : **Hyundai Engineering & Construction Co. Ltd.**

2. Total contract value : Rp.79.998.000.000,00 plus USD 10.000.000,00
3. Main works : **Runway extension to 4000 m, Taxiway & Apron Extension, Landscaping works, etc.**

➤ **Head of Section** : Dam Construction and Dredging Works BIDA : 1988 – 1990

Brief description on the job :

1. To plan and supervise the work of constructing dams, mainly for Water reservoirs in Batam (Muka Kuning, Duriangkang)
2. To supervise dredging works in Batam waters.

➤ **Technical Supervision Staff BIDA** : 1986-1988

Brief description on the job :

1. To ensure that plans are made in conformity to BIDA's mission
2. To inspect technical matters of any projects to ensure the it conforms to the Specifications and to the plans set

➤ **Technical Supervision Staff to the Agency for the Assessment and Application of Technology (BPPT) – Jakarta** : 1986

Brief description on the job :

1. To ensure the plans are made in conformity to the Agency's mission(s)
2. To inspect technical matters of any projects to ensure the it conforms to the Specifications

Professional experience : (Other than the formal jobs)

➤ **As a Certified Professional Engineers**

1. Structure Design for a 9 level Hotel in Nagoya Batam : 1990 (Holiday Hotel, on behalf of PT. Hutama Karya). The Analysis and Design uses the **ATStruct** software from ATS (Advanced Technology Solution) Singapore
2. Structure designs for small offices and 2 level shop houses
3. PE certification (SIBP) from the Director of Development BIDA, 1990, 1994-1996.

➤ **As an Information Systems Consultant / Developer** :

Developed PC based DBMS for :

1. **Personnel Information Systems BIDA** : 1994

2. Design of **Asset Management Information Systems BIDA** : 1995
3. Design of Hyperkes & K2 Information Systems : 1995
4. Real Estate Information Systems : 1995

➤ **As a Speaker at the First Asian – German Geographic Information Systems Conference : Batam 1993**

Paper presented : “ The Development of Land Allocation Systems on Batam Island”

Past Planning & Designs Involved : (major/Significant Teams only)

1. **Head** : Civil Engineering Components, the development of Material Costs for Batam Projects : 1988, 1989
2. **Head** : Civil engineering Works for Crude Palm Oil (CPO) Terminal Batam : 1989
3. **Counterpart** :
 - The Planning and Design of Hang Nadim Airport Phase III Development Study : 1989-1990
 - The Planning and Design of the Major's Office Batam Centre phase I to III : 1995 - 1999
 - The Planning and Design of General Hospital Batam phase I : 1998
 - The Planning and Design of Public Park Batam Centre (Alun-alun) phase II: 1988
 - The Planning and Design of General Hospital Batam Phase II: 1998
 - The Planning and Design of Visitor Centre Barelang: 1998
 - The Design of Semblog Citranusa Port- Kabil Batam: 2002
 - The Design of Sembawang Marine Offshore Engineering Port- Kabil Batam: 2002

Current Interest:

Due to its proximity with Singapore and its excellent shore lines for harbors, Batam has been developed into one of Indonesia's busiest ports. Almost all types of seaport structures has been constructed in Batam, such as jetties, bulkheads/quaywalls, docks (graving, floating), skidways/skidtracks, ro-ro/lct ramps, launching ramps, loading out pavements, etc. This situation poses certain challenges to Professional Engineers (PEs) in Batam to be able to design and manage port related facilities.

Hence, the design and the construction of port facilities has been my personal interests during the last 5 years.