



MUHAMMAD

INDRA

FATMOKO

CURRICULUM VITAE
AND ARCHITECTURAL PORTFOLIO



CV CURRICULUM VITAE



Name:
Muhammad Indra Fatmoko
Nickname:
Indra
Birthplace and Birthdate:
Jakarta, 24 September 1991
Sex:
Male
Religion:
Islam
Nationality:
Indonesia
Hobby:
Reading, Drawing

Educational Background:
TKI Al-Azhar 11 Kemang Pratama (1997-1998)
SDI Al-Azhar 9 Kemang Pratama (1998-2004)
SMPI Al-Azhar 8 Kemang Pratama (2004-2007)
SMA Negeri 1 Bekasi (2007-2010)
Universitas Gadjah Mada (2010-ongoing)

Organization Experience:
DKV SMPI Al-Azhar 8 Kemang Pratama (2006)
Kelompok Ilmiah Siswa SMAN 1 Bekasi (2008-2009)
Keluarga Mahasiswa Teknik Arsitektur (2010-2013)
Marching Band Universitas Gadjah Mada (2010-2011)
Media Opini SKI Al-Banna JUTAP UGM (2011-2013)
ACT+ Magazine JUTAP UGM (2012-2013)
Pemuda Tata Ruang Yogyakarta (2013-2014)

Personal Quality:
Creative and dedicated
Capable of working under pressure
Able to work well in both team and individual
Have the desire to learn

Ability:
Freehand Drawing
Modeling
3D Modeling
Google Sketchup
AutoCAD
Layouting and Image Editing
Corel Draw
Adobe Photoshop

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ARCHITECTURE PORTFOLIO



STUDIO PROJECTS



COMPETITION ENTRIES



OTHER PROJECTS



NON-ARCHITECTURE WORKS



ARK
CITY HOTEL

The ARK City Hotel is located in Jln. Diponegoro, Yogyakarta. This hotel is aimed for users who only visit Yogyakarta in a short period of time, such as businessmen from other cities and college student family.

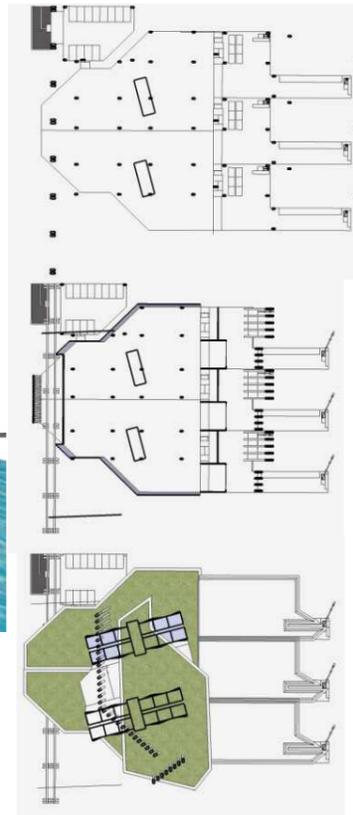
The hotel itself both provides accommodation and facilitates business events such as meetings. Making the hotel a nice place to rest while resolving business agenda effectively. The hotel emphasizes on services, comfort, and efficiency in land use and spaces.



The Cilincing Hybrid Kampung was a combination of high-end apartment on top, a shopping center and urban garden / urban farming in the middle, an urban housing below it and a complex of fisherman dock. The high-rise building was designed in anticipation of a scenario when a portion of Jakarta will be flooded in 2050 due to increasing sea level caused by global warming and Jakarta's own land slowly sinks year by year. The Hybrid Kampung is designed to continuously support fisherman job in Cilincing even in the future by making it a dock and repairing center to improve the economy.



DISPLACEMENT HULL
like a cruise ship, the hull blows water of building so the building can float due to the flood



with focus on low-maintenance and skeleton infill system



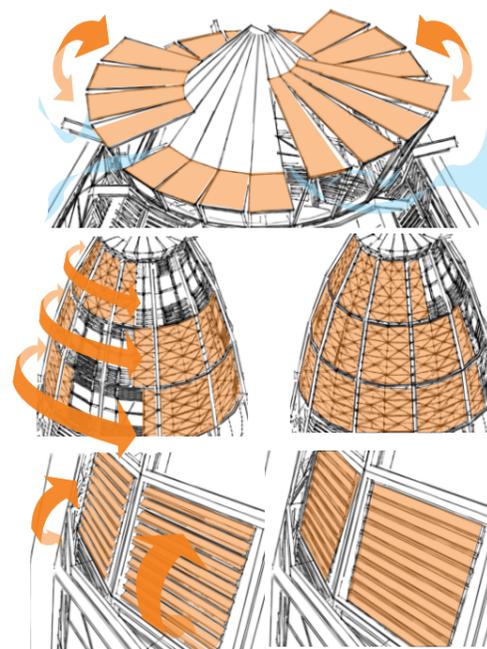
Gemawang housing is located in Gemawang, Yogyakarta. The housing adapted the skeleton infill system from Japan, which allow small portion from building to be detached and modified as needed by its unique family. The housing buildings is made by prefabricated parts allowing to be constructed fast.



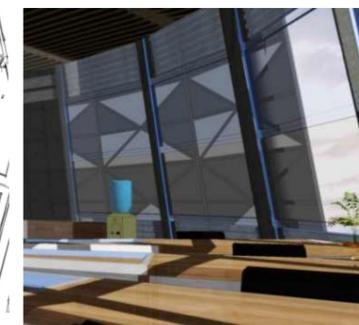
COMPETITION ENTRY: AGFNASCOM KINETIC ARCHITECTURE COMPETITION (2012)
IN COLLABORATION WITH: INDAH NUR FITRI TSIASTI (UGM)



The Kineshell Architecture Office is an office with applied Kinetic utility and iCity synchronization in mind. The 4-story office is divided into functions of administrative and public, office, library and meeting room, and manager room in each of its story. The office utilizes many modern tech gadgets such as laptops and cellphones to maximize its productivity. Its facade and roof are equipped with kinetic technology capable of sensing light and temperature and able to fully rotate to give the interior light or shield the interior from heat.



- AUTOMATIC ENTRANCE ①
- ROTATING FACADE ②
- CONTROLLED VENT ③
- DANCING ROOF ④
- STACK VENT SYSTEM ⑤
- MULTI GADGET TABLE ⑥
- SPIDER STRUCTURE ⑦
- EGGSHELL STRUCTURE ⑧



COMPETITION ENTRY: ARBBI DESIGN AWARD (2012)
IN COLLABORATION WITH: INDAH NUR FITRI TSIASTI (UGM)



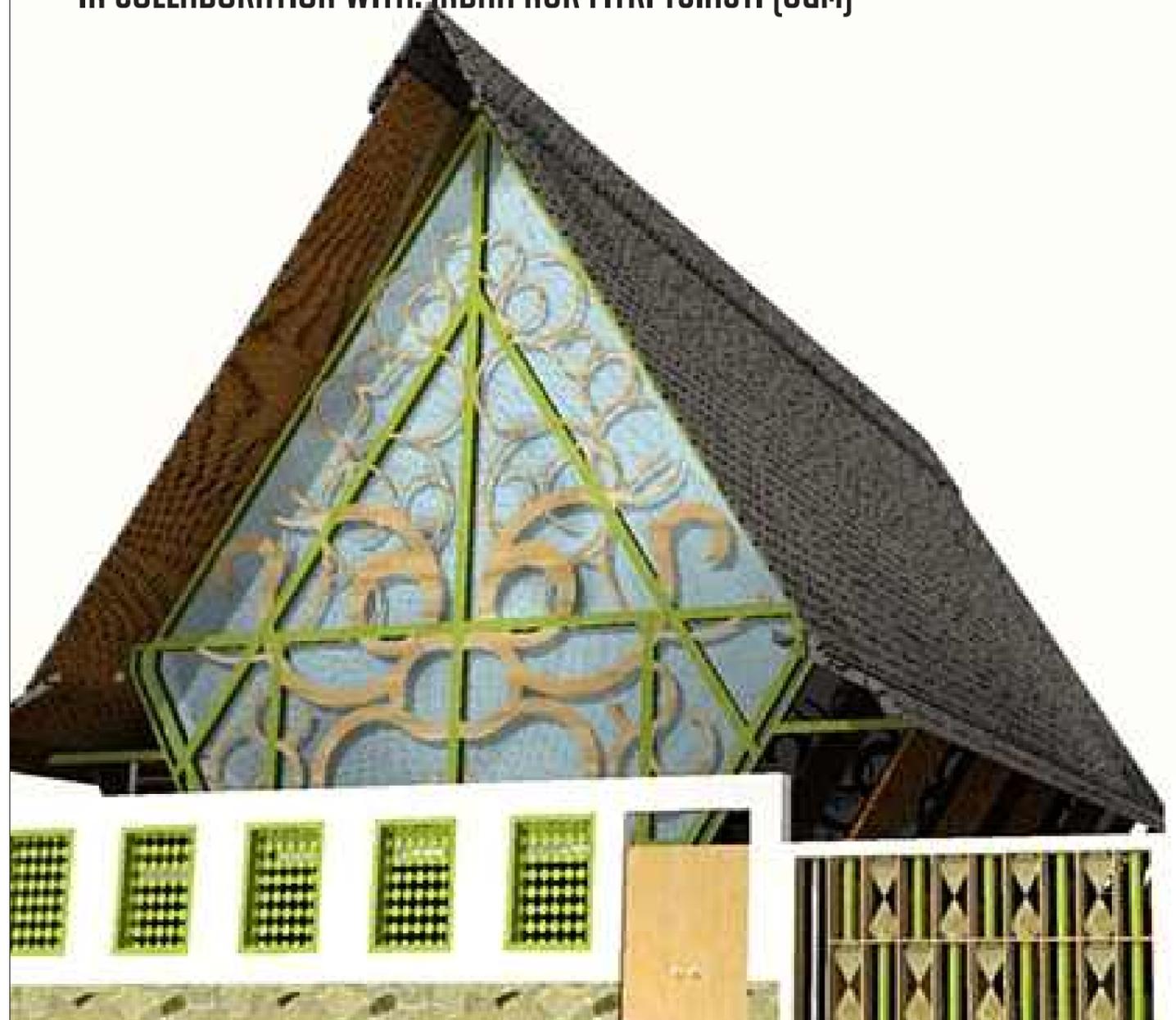
The tropical house is a house with features that compliments and benefits from the weather condition of a tropical country.

The house uses an inner pool to support temperature around it, releasing vapor upon contact with heat and cooling the air in the house. the exterior of the house is kept with few openings, as a symbol of privacy and more importantly, safety. The interior of the house features an open corridor which easily allows air to flow in and out, and equipped with curtains to prevent rainwater from filling the corridor.

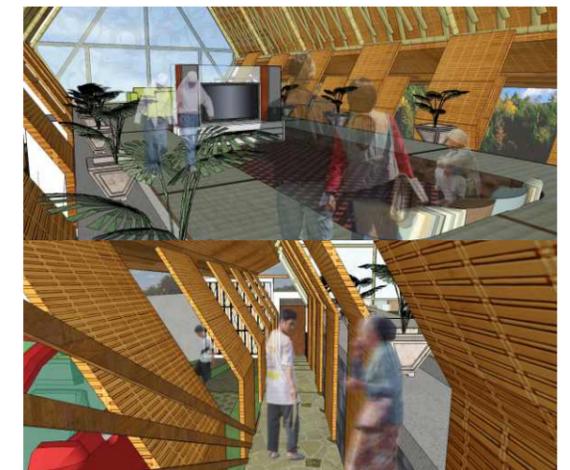
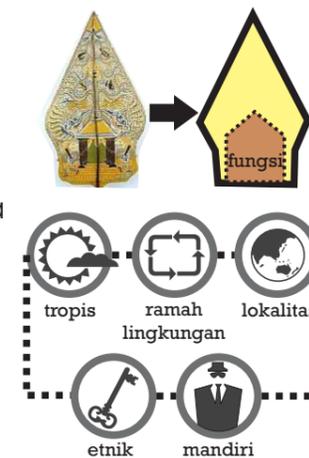
Next to the living room is herbal plant wall. The herbal plant wall is open above so rainwater can make it grow well and the plants have many benefit to the house owner.



COMPETITION ENTRY: LARAS DESIGN AWARD (2012)
IN COLLABORATION WITH: INDAH NUR FITRI TSIASTI (UGM)



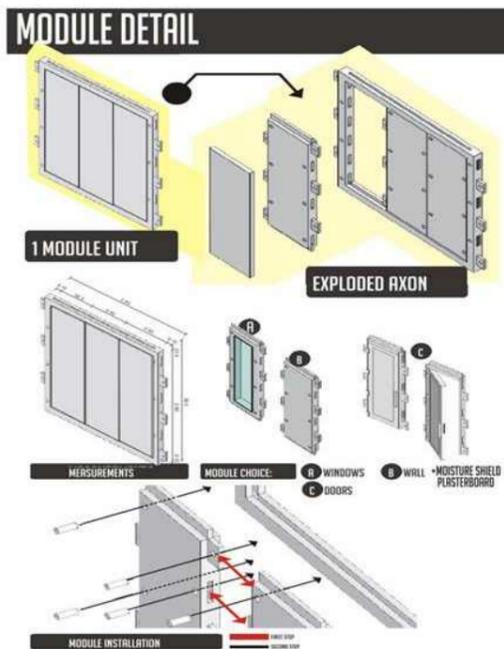
The Omah Dhuwur is an house with the touch of ethnic spirit. Its form is taken from Javanese culture Wayang Gunungan, as The wayang Gunungan is often a symbol of a house (as in many wayang design it has house in its lower side)



COMPETITION ENTRY: ARBBI 2013 MODULAR HOUSE
AWARD: BEST 70 ENTRY (PUBLISHED)
IN COLLABORATION WITH: INDAH NUR FITRI TSIASTI (UGM)



Deck house combines the aspect of flexibility and development as its main concept. The modular house is designed to adapt to its user's need and situation. The house itself is a type of "growing" house. The design tries to facilitate scenarios that usually happen when a person tries to expand his or her house, that is the process of new construction right in your house. Deck house have additional frame structures in its open space that is used to hold expansion modules. By simply assembling expansion modules to frame in the house's open space, a new room can be created faster and without hard construction process, allowing the family to enjoy their house in any condition in the future



COMPETITION ENTRY: LEARNING COMMONS DESIGN COMPETITION UGM (2013)
IN COLLABORATION WITH: INDAH NUR FITRI TSIASTI (UGM)

