

CURRICULUM VITAE



Name: IGNATIUS AGUS RAHARJO
Date of Birth: 17 August 1980
Nationality : Indonesian
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Qualifications:

Bachelor Degree, of Civil Engineering
Institut Teknologi Bandung, Indonesia, 1999 - 2003.
Civil Engineering

Master Degree of Ocean Engineering
Institut Teknologi Bandung, Indonesia, 2011-2013.

Master Specialization Level II of Navigation and Related Applications,
Politecnico di Torino, Italy, 2016/2017

Professional Experiences

From	To	Position	Company
July 2018	Dec 2018	Senior Offshore Method Engineer	Saipem Sharjah Engineering, UAE
May 2018	July 2018	Field Engineer	Bumi Armada/ Caspian Service Contractor LLC
July 2015	July 2016	Fabrication and Installation(rigid) Pipeline Engineer	ENI Indonesia
June 2014	June 2015	Senior Installation Engineer	Bumi Armada Berhad, Malaysia
June 2012	April 2014	Senior Field Engineer	Sigur Ros, Indonesia
Jan 2009	Nov 2010	Senior Engineer – Methods	Saipem Sharjah Engineering, Sharjah, United Arab Emirates
Dec 2005	Dec 2008	Offshore Installation Field Engineer	PT J.Ray McDermott Indonesia, Batam Indonesia
July 2005	Nov 2005	Design Engineer	PT Sapta Adhi Pratama, Bandung, Indonesia

April 2004	April 2005	Site Engineer	PT Jaya Konstruksi Manggala Pratama, Jakarta, Indonesia
Oct 2003	Feb 2004	Supervisor	PT Cellio Mitra Graha, Jakarta, Indonesia

WORKING EXPERIENCES

Period: from July 2018 to December 2018

Job/Role: Senior Offshore Methods Engineer

Company: Saipem Sharjah Engineering **Department:** Transportation and Installation

Country/Location: Sharjah, United Arab Emirates

Main activities, responsibilities and brief description of Company/work environment:

PROJECT : Manifa – Saudi Aramco

RESPONSIBILITIES : As project engineering for subsea installation to prepare all materials, equipment, schedule for offshore installation and involve in the offshore campaign.

Period: from May 2018 to July 2018

Job/Role: Field Engineer

Company: Caspian Service Contractor **Department:** Operation

Country/Location: Astrakhan, Russia

Main activities, responsibilities and brief description of Company/work environment:

PROJECT : Filanovsky Development - LUKOIL

RESPONSIBILITIES : As field engineer to assist project engineer for offshore installation.

Period:	from July 2015	to July 2016
Job/Role:	Fabrication and Installation (rigid) Pipeline Engineer	
Company:	ENI Muara Bakau BV	Department: Project Development
Country/Location:	Jakarta, Indonesia	

Main activities, responsibilities and brief description of Company/work environment:

PROJECT : Jangkrik Complex Project

RESPONSIBILITIES : As Company representative during fabrication and installation of all rigid lines in the project. Review the engineering and installation procedure documents from Contractor / Subcontractor related to the pipeline activities.

Scope of work in rigid lines: fabrication of 4", 12", and 24" linepipe, including the coating, installation of the line from shoreline to the Jangkrik Field.

Period:	from June 2014	to July 2015
Job/Role:	Senior Installation Engineer	
Company:	Bumi Armada Bhd	Department: Transportation & Installation
Country/Location:	Kuala Lumpur, Malaysia	

Main activities, responsibilities and brief description of Company/work environment:

PROJECT : Development Project Filanovsky – Korchagin Field

CLIENT : Lukoil - Russia

RESPONSIBILITIES : Involve in the project management to detail the scope of work project, schedule, and correspondence to the client. Responsible for supplying permanent materials for pipelines, selection of subcontractor, and following the production of permanent material and subcontractor scope of work. Preparing procedure and following the installation of the subsea pipelines.

Scope of work: installation of sectional and new pipelines of 6in, 12in, 16in, 22in, and 26in, including pit dredging, post trenching, subsea spool installation, and pre-commissioning pipelines.

Period:	from June 2012	to April 2014
Job/Role:	Senior Field Engineer	
Company:	PT Sigur Ros Indonesia	
Country/Location:	Jakarta, Indonesia	

Main activities, responsibilities and brief description of Company/work environment:

PROJECT	:	Pipeline Replacement Project 2013
CLIENT	:	PT Pertamina Hulu Energi - ONWJ
RESPONSIBILITIES	:	Field Engineer for Offshore Installation. Do study for pipeline and all the facilities in the scope of work project. Prepare drawing and materials in order to fabricate temporary and permanent material. Perform offshore activities. Scope of work for pipeline: installation of new 4in, 1 sec 6in, 12in, and 16in pipeline, installation of new riser, subsea spool, and riser stalk-on, removal and end capping existing pipeline, pre-commissioning of pipelines.
PROJECT	:	Transportation and Installation of Offshore Facilities for Diyarbekir Development Project
CLIENT	:	Petronas Carigali (Turkmenistan)
RESPONSIBILITIES	:	Field Engineer for onshore preparation. Modification, fabrication, and load out of installation aids and all materials for pipeline installation and structural installation.
PROJECT	:	Tender of Pipeline Installation 2014-2016
CLIENT	:	Petronas Carigali
RESPONSIBILITIES	:	Prepare tender documents such as Project Execution Plan, schedule, etc. Scope of work: pipeline installation, riser and subsea spool installation, pipeline crossing, cable installation, pipeline pre-commissioning, and module installation.
PROJECT	:	Pipeline Replacement Project 2012
CLIENT	:	PT Pertamina Hulu Energi - ONWJ
RESPONSIBILITIES	:	Field Engineer for Offshore Installation. Do study for pipeline and all the facilities in the scope of work project. Prepare drawing and materials in order to fabricate temporary and permanent material. Perform offshore activities. Scope of work for pipeline: installation of new 6in, 10in, and 12in pipelines with total length approx. 18km including crossing supports installation, installation new riser and subsea spool, removal and end capping existing pipeline,pre commissioning.

Period:	from January 2009	to November 2010
Job/Role:	Offshore Method Engineer	
Company:	Saipem Sharjah Engineering	Department: Methods
Country/Location:	Sharjah, United Arab Emirates	

Main activities, responsibilities and brief description of Company/work environment:

PROJECT : Long Term Agreement (LTA)

CLIENT : Saudi Aramco

RESPONSIBILITIES : Project Engineer for Offshore Installation. Do study for pipeline and all the facilities in the scope of work project. Prepare drawing and materials in order to fabricate temporary and permanent material.

Scope of work for pipeline: installation of 42km subsea pipeline in SAFANIYA field, 3 Nos of pipeline in ZULUF field and 1 No of pipeline in BERRI field, including shorepull, subsea spools, risers and crossings.

Period:	from December 2005	to December 2008
Job/Role:	Offshore Installation Field Engineer	
Company:	PT J.Ray McDermott Indonesia	Department: Marine
Country/Location:	Batam, Indonesia	

Main activities, responsibilities and brief description of Company/work environment:

PROJECT : EPCI Offshore Gas Pipeline Su Tu Vang/ Su Tu Den – Rang Dong Project, Vietnam

CLIENT : Petrovietnam Gas Company Ltd,

RESPONSIBILITIES : Field engineered in Batam Marine Base, coordination for preparation in Batam marine base including pre-fabrication of spools, PLEM fabrication, and installation aid fabrication. Preparing Pipelay and Crossing Procedure, PLEM and Tie-In Spool Procedure.

Scope of work: Lay 16" O.D. x 12.5 mm w.t. x 43.5 km length gas pipeline with 2ea future tee (from Su TU Vang CPP Platform to JPVC Rang Dong), crossing installation at JPVC Rang Dong, pigging and hydrotest the pipeline, PLEM installation at JPVC Rang Dong, Tie-in spool installation at JPVC Rang Dong and Su Tu Vang CPP, Dewatering and inerting pipeline.

PROJECT : Substructure and Pipelay, Western Australia

CLIENT : Woodside Energy Ltd.

RESPONSIBILITIES	:	<p>Preparation for project loadout, set up pumping spread for pigging, and fabrication some installation aids at McDermott Batam Marine Base. Preparation and doing coordination with pipe coating company for pipehaul. Fabricate 12ea pipeline concrete support c/w grouting bag.</p> <p>Coordination among deartmnets for pre-fabrication of spools with Batam Fabrication Yard. Refurbishment and modification of stinger roller for Truss Stinger. Fabricate 5 new sections stinger, including 3 sections of spreader frame and refurbish 3 sections of Alpha Stinger for spare. Modification Bottom Hole Assembly for drill string. Prepare back up calculation for every lifting refer to WEL Specification</p> <p>Other scope of work: Jacket installation, laid 14" Ø CRA x 14.33 mm w.t. x 2.18 km lg pipeline to AP2 flow line, x 2.86 km lg to AP4 flow line, and x 1.55 km lg to AP3 flow line, lay 30" Ø x 19.1 mm w.t. and 23.1 mm w.t. x 49.1 km lg pipeline, SSRA installation, SSIV and skid installation, tie-in spool installation, pipeline flooding.</p>
PROJECT	:	PM3- Camau Gas Pipeline, Vietnam
CLIENT	:	Vietsovetro
RESPONSIBILITIES	:	<p>On board DLB-KP1 with 4 sections of Alpha Pontoon stinger to execute the job in field</p> <p>On board Dredging Barge Franklin 3, Pull Barge, Jetting barge, and survey vessel for nearshore</p> <p>Load out preparation and fabricate some installation aids at McDermott Batam yard</p> <p>Refurbish 4 Sections of Alpha Pontoon Stinger and its spreader frame</p> <p>Scope of work: nearshore preparation work, trench dredging, beachpull, fill in the trench, lay 18" Ø x 17.5 mm w.t. and 12.7 mm w.t. x 298 km lg pipeline, jetting, wye and crossing installation, pigging and hydrotest, and dewatering.</p>
PROJECT	:	Block PM-3 Commercial Arrangement Area (CAA) Bunga Tulip A Development project, between Malaysia and Vietnam offshore in the Gulf of Thailand
CLIENT	:	Talisman Malaysia Ltd
RESPONSIBILITIES	:	On board DLB KP 1, monitoring and assist project engineer for BT-A (Bunga Tulip-A) Topside (=250MT) installation,
PROJECT	:	Stinger Refurbishment for TLO Chartered
CLIENT	:	In-house
RESPONSIBILITIES	:	Arrangement of material order and delivery, arrangement of activities among groups worker.
PROJECT	:	McDermott Derrick Barges Crane Load Test for Barge Recertification at McDermott Batam Fabrication Yard, Indonesia
CLIENT	:	In-house
RESPONSIBILITIES	:	<p>Design rigging & counterweight (using hammers) location for Derrick Barge 26 crane load test (Critical lifting because the test was performed at 10% overload capacity, i.e. 990 ST) by lifting 4 hammers and 3 tests</p> <p>Design rigging & counterweight (using hammers) location for Derrick Lay Barge KP 1 crane load test (Critical lifting because the test was performed at 10% overload capacity, i.e. 770 ST) by lifting 3 hammers and 3 tests</p> <p>Compiled DB26 & DLB KP1 (McDermott's Derrick Barge) Crane Test Lift Procedure Reports</p>

Period:	from July 2005	to December 2005
Job/Role:	Design Engineer	
Company:	PT Sapta Adhi Pratama	Department: Engineer
Country/Location:	Bandung, Indonesia	

Main activities, responsibilities and brief description of Company/work environment:

PROJECT	:	Detail Design of Sindang Pano Dam, Majalengka, West Java
CLIENT	:	PPSA West West Java
RESPONSIBILITIES	:	<ul style="list-style-type: none"> - Collecting data for dam design, site visit, review survey data and review feasibility study of Sindang Pano Dam. - Analysis data and perform initial design of dam. - Produce preliminary, pre-final, and final report. - Assist team leader for project presentation.
PROJECT	:	Detail Design of Ciwidey Dam, Majalengka, West Java
CLIENT	:	PT Aztindo Rekaperdana and PPSA West Java
RESPONSIBILITIES	:	<ul style="list-style-type: none"> - Collect data for dam design and review feasibility study of Ciwidey Dam. - Assist data analysis and initial design. - Produce preliminary, pre-final, and final report.

Period:	from April 2004	to April 2005
Job/Role:	Site Engineer	
Company:	PT Jaya Konstruksi Manggala Pratama	Department: Construction
Country/Location:	Jakarta, Indonesia	

Main activities, responsibilities and brief description of Company/work environment:

PROJECT	:	Busway Project in Jakarta
CLIENT	:	DKI Jakarta Transportation Department,
RESPONSIBILITIES	:	Join in survey team and generate data for busway corridor between Kampung Melayu – Kampung Rambutan and Grogol – Semanggi Other scope: survey busway corridor, infrastructure construction, road upgrading
PROJECT	:	Road Building Between Kerang – Segendang – Tanjung Aru, Paser Area
CLIENT	:	East Kalimantan Government Public Department
RESPONSIBILITIES	:	Join in survey team for as built survey of road Monitor and doing coordination activities and progress to meet with quality plan Produce internal monthly report and progress report to client

Other scope: open access for road building (clearance, cut, and fill), soil replacement, road forming, base coarse (aggregate type-C) layering, simple bridge and canal construction

Period:	from October 2003	to April 2004
Job/Role:	Supervisor	
Company:	PT Cellio Mitra Graha	Department: -
Country/Location:	Jakarta, Indonesia	

Main activities, responsibilities and brief description of Company/work environment:

PROJECT : Building (residence and office) constructions
CLIENT : Private
RESPONSIBILITIES : Supervise project activities, material procurement, and sub-contractor coordination

ADDITIONAL INFORMATION

TRAINING

- Tecnico di CAD,(October 2017- February 2018), ENAIP Piemonte, Italy
- BOSIET (2014), GTSC Miri, Malaysia
- Construction of Subsea Pipeline (2010), Jee
- BOSIET (2010), GTSC Abu Dhabi, UAE
- Safety Induction (2005), PT McDermott Indonesia, Batam, Indonesia
- Quality Awareness (2006), PT McDermott Indonesia, Batam, Indonesia
- Sea Survival, Fire Fighting, HUET (2006), MSTs Asia Sdn. Bdn., Johor, Malaysia
- Confined Space Training (2007), JRay McDermott Training and Assurance Department, Batam, Indonesia
- Field Engineer Training (2007), JRay McDermott Asia Pacific, Singapore
- Basic Wire Rope Training (2007, valid until 2010), Carl Stahl Evita, Ltd., Batam, Indonesia
- Permit To Work (2008), JRay McDermott Training and Assurance Department, Batam, Indonesia
- Welding Technology Seminar (2008), The Welding Institute, Batam, Indonesia
- Pigging and Hydrotest Training (2008), JRay McDermott Marine Operation Asia Pacific, Batam, Indonesia

- Task Risk Assesment (2008), JRay Mcdermott Training and Assurance Department, Batam, Indonesia

PAPER PUBLICATION:

Title: Rain Barrel Project : Rainwater Harvesting for Sustainable Water Supply in Urban Households

Authors: Rosita Widjojo and Ignatius Agus Raharjo

3rd ICONIC (International Conference of Integrated Intellectual Community) 2018, Germany

LANGUAGE:

- Bahasa : Native language
- English : Full professional proficiency
- French : Intermediate level, B1 DELF (speaking, reading, writing)
- Italian : Intermediate level , B1 CILS (speaking, reading, writing)

COMPUTER :

Microsoft office (word, excel, outlook, power point), Microsoft Project, Autocad, Matlab, Mathcad, SAP2000 (civil structural program), OFFPIPE (pipeline installation program), ENVI, ArcGIS, etc.