

# JOECEL NATIVIDAD



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## CAREER OBJECTIVES

- To land a career where I could maximize my potential as an engineer
- To be able to work in an interactive and dynamic environment.
- To work in a company that would provide career, financial and personal growth.

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## EDUCATION

[REDACTED] (Tertiary) years 2004 – 2008  
**B.S. Chemical Engineering** (Date of Graduation: January 16, 2009)  
**Licensed Chemical Engineer** – April 2009  
Licensure No. 26810  
[REDACTED] (Secondary) years 2000 – 2004  
[REDACTED] (Primary) years 1994 – 2000

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## WORK-RELATED EXPERIENCE

**Process Controller-** [REDACTED]  
July 29, 2017-February 28, 2023 Operate and maintain Ras Abu Fontas A3 desalination plant located in Al Wakra Doha Qatar thru use of Distributed Control System. Operate and maintain several key process such as Dissolved Air Flotation, Ultrafiltration, Reverse Osmosis and Remineralization. Approved Permit to Work (PTW) and ensuring that corresponding isolations are carried out correctly.

**System Engineer-** [REDACTED]  
January 2012- July 2017 Assist in the execution, including engineering works, installation, design, testing, start-up and commissioning of Process automation projects (DCS, PLC and Fieldbus)

### Project Attachments:

- [REDACTED] (Feb. 2012-Sept. 2013)- Control system and Graphics generation; Sub-system integration; Tuning assistance; Commissioning assistance
  - [REDACTED] (Sept. 2012-Apr. 2013)- [REDACTED] Migration tool; Control system Generation; Conducts Factory Acceptance Test (F.A.T);
  - [REDACTED] (Jun.-July 2013)- Registration, Configuration, Calibration and Testing of Fieldbus Device.
  - [REDACTED] (May 2013-May 2014)- Conducts Factory Acceptance Test, Control System Engineering, editing of report template for report package and configuration and calibration of Fieldbus devices using PRM (Plant Resource Manager)
  - [REDACTED] (February 2014)- Integration of existing CVP database to another CVP database using Multiple Project Connection.
  - [REDACTED] (Sept.2014)- Registration, Configuration, Calibration and Testing of Fieldbus devices; Control System Engineering at site; Creation of Report template and trend groups; Commissioning Assistance
  - [REDACTED] (August 2014)- Conducts Factory Acceptance Test (FAT) for Graphics and controls. Recovery of Punchlist
  - [REDACTED] (September 2014)- Conducts Factory Acceptance Test for Graphics and recovery of Graphics punch list.
  - [REDACTED] (December 2014- January 2016)- Control System engineering which includes Typical and non-typical controls for the Ball Mill and clinker transport by using client's control system narratives.
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- J. [REDACTED] . 2015- March 2016)- Project Scheduling and support
- K. [REDACTED] ril 2016-August 2016)- Replace existing RTP3000 PLC system with Yokogawa CentumVP system. Included in the works is the generation of controls for the 115MW PAL1 FCRS system and hot cut-over procedure for the replacement of system.
- L. [REDACTED] vember-December 2016)- Generate HMI graphics for Raven and Giza-Fayoum Plant
- M. [REDACTED] nuary 2017-July 2017)- Generate control and HMI (using STARDOM) for plant monitoring purposes

**Process Engineer-** [REDACTED]

December 2010-October 2011 Conducts field inspection of Waste Water Treatment Plant. Assist PCO at passing of DENR and LLDA requirements of their sewage Treatment Plant (STP).

**Cadet Engineer-** [REDACTED]

September 2009-June 2010 Oversee and supervise smooth operations at Production. Part of the TPS (Toyota Production System) which aims to improve productivity by formulation and implementation of "Kaizen" ideas.

**On-the-job Trainee –** [REDACTED]

July 8- September 8,2008 Train in Auto CAD drawing and participate in the Department Manager lectures. Helped in checking and organizing Engineering drawing and specification sheets.

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## EXTRA-CURRICULAR ACTIVITIES

Peer Adviser - [REDACTED] enter for Student Advising, 2<sup>nd</sup> Term, S.Y 2006-2007

Member [REDACTED] Junior Chapter Mapua Institute of Technology, Since 2005 – Present

Academic Head - [REDACTED] S.Y. 2006 – 2007

Member [REDACTED] ts, S.Y. 2005 – 2008

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## RESEARCH PAPERS AND DESIGN

Effects of Reaction Temperature and Initial Concentration of Aluminum Chloride Hexahydrate in the Synthesis and Particle Size of Alpha-Alumina Nanoparticles by Sol-Gel Method  
Calaca-Biodiesel Project (Plant Design)

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## TRAININGS AND SEMINARS ATTENDED

WSO: High-Risk Training [REDACTED] atipunan Quezon City Philippines, August 2015

CentumVP Operation, [REDACTED] ry 2012

CentumVP Engineering, [REDACTED] , January 2012

CentumVP Maintenance [REDACTED] January 2012

Prosafe RS, [REDACTED] es, February 2012

Fieldbus w/ PRM, [REDACTED] , February 2012

FAM3 with EQVue, [REDACTED] February 2012

Operation and Maintenance of Sewage Treatment Plant, Field Residences, Sucat Paranaque, July 2011

CO2-Emmision Reduction Seminar, [REDACTED] s, October 2009

The Glorietta II Explosions: A Case Study in Industrial Safety, PICHe - [REDACTED] - February 2008

EDGE: An Interactive Design of Experiment, [REDACTED] – January 2008

Job Interview [REDACTED] January 2008

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## PERSONAL DATA:

[REDACTED] e [REDACTED]

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