

## ARNI JAKE A. NACION – MECHANICAL ENGINEER



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**Own Visa**

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### EDUCATION

<b>ARABIAN INFOTECH TRAINING INSTITUTE LLC</b>	<b>Dubai, UAE</b>
Professional Diploma in HVAC SYSTEMS DESIGN	2023

<b>CENTRAL COLLEGES OF THE PHILIPPINES</b>	<b>Philippines</b>
Bachelor's Degree, MECHANICAL ENGINEERING	2019

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### PROFESSIONAL EXPERIENCE

<b>PHOENICIAN TECHNICAL SERVICES</b>	<b>Dubai, UAE</b>
MEP Process Engineer	2023

<b>MONOLITH CONSTRUCTION AND DEVELOPMENT CORPORATION</b>	<b>Philippines</b>
MEP Engineer Intern	2017

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### SKILLS AND KNOWLEDGE

- Knowledgeable in Mechanical Design software's such as Carrier HAP, MCQUAY Duct & Pipe Sizer, Psychrometric Analysis etc.
- **Autodesk Software such as AutoCAD.**
- Microsoft Office (Word, Excel, PowerPoint, Outlook)

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### SUMMARY OF DESIGN AND SUPERVISION CAPABILITIES

- Set mechanical design criteria, design reports, and review design documents in line with international standards and local regulations.
- Carry out Mechanical Design for HVAC to the required standards and quality.
- Installation Criteria and Standard Details About HVAC Units.
- Operation and Maintenance of HVAC Systems.
- Calculations for Mechanical Equipment Selections.
- Calculations such as ESP, Pump Head and Heatload.
- Validate design issues related to MEP and suggest alternative solutions.
- Review shop drawings, material submittals, and carrying out all the mechanical inspections at the site for all the mechanical services according to the specifications.

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### CODES AND STANDARDS RECOGNIZED

- Dubai Civil Defense
- ASHRAE 62.1
- Dubai Municipality
- SMACNA
- NFPA
- DW/172