

**WIDYA PUTRI NUR PADILLA**

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**PROFILE**

I am a HVAC-R Engineer. Experienced in Cooling Load and Mechanical Drawing. Very curious, adaptive and willing to learn new things. Interested in architecture, mechanical drawing, quality control and HSE.

**EDUCATION**

**Politeknik Negeri Bandung** Bandung, Indonesia

D4 – Refrigeration and Air Conditioning Engineering 2019 – 2023

This major is multidisciplinary: mechanical and electrical

Completed 128 Credits

GPA: 3.44/4.0

**WORK EXPERIENCE**

**PT. BITZER Compressors Indonesia** Bogor, Indonesia

Internship Trainee – Internship Dec 2021 – Feb 2022

* Performing quality control on raw materials that come from manufacturers
* Carrying out quality control of the condensing unit produced by PT. BITZER Compressors Indonesia
* Making a report titled “Quality Control Procedure on Condensing Unit LH064/VY-BP at PT. BITZER Compressors Indonesia”
* Held a webinar regarding the quality control process at PT. BITZER Compressors Indonesia on June 4, 2022

**CV. Cakra Linjaya** Bandung, Indonesia

Student Internship – Internship June – Aug 2022

* Performing heat load calculations
* Performing unit selection using the Daikin Xpress application
* Calculating the size of the air outlet, return and supply duct
* Drawing piping and ducting paths using AutoCAD
* Making a report titled “Design of Air Conditioning System in Residential House Using VRV X Daikin Unit”

**ORGANIZATIONAL EXPERIENCE**

**Secretary – Komisi Penyelenggara PEMIRA KEMA Polban 2019** Nov – Dec, 2019

* Carrying out secretarial administration management as noting and attendance in every activity
* Facilitating proposal writing, accountability reports, and correspondence needed during activities

**Staff – Research and Development Department HMRA Polban** 2020 – 2021

* Carrying out departmental work programs
* Responsible to the head of the Research and Development Department
* Carrying out secretarial administration management such as making notes and attendance in every activity

**TRAINING & SEMINAR EXPERIENCE**

**Latihan Keterampilan dan Manajerial Mahasiswa Tingkat Dasar (LKMM-TD)** Bandung, Indonesia

BEM KEMA Politeknik Negeri Bandung Nov 4 – 8 & 20 – 24, 2019

**Webinar Series by IKARA, Collaboration with Young Engineer ASHRAE** Bandung, Indonesia

HVAC HEALTH CARE BUILDING DESIGN VOL. 1 Aug 8, 2020

**AutoCAD Webinar** Bandung, Indonesia

RHVAC Piping, Electrical and Ducting System Sept 19, 2020

**HMRA Webinar** Bandung, Indonesia

Occupational Health and Safety Management System Dec 20, 2020

**SKILL**

**Languages:** Bahasa Indonesia (Native Level); English (Professional Working Level); Japanese (Elementary Level)

**Relevant Skill:** Cooling Load Calculation; Microsoft Office; AutoCAD; REFPROP Software; Mechanical Drawing; PsyChart; Coolpack; Welding; Plumbing;

**Soft Skill:** Communicative; Teamwork; Able to Work Under Pressure; Public Speaking; On-time